

Manor Quality Manual

Part-A-Softlines / Part-B-Hardgoods / Part-C-Further Requirements

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Version management

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1.0	MH	AD	2017.05.12	Replaced by V 2.0	First release
2.0	AS	QMNF	2018.04.15	Replaced by V 2.1	Update (regulations + FFU)
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Introduction

The requirements for products sold at Manor are listed for suppliers in the three Manor Quality Manuals:

- **Quality Manual Part A** stipulates the product-specific requirements for softline items.
- [Quality Manual Part B](#) stipulates the product-specific requirements for hardgoods items.
- [Quality Manual Part C](#) stipulates the general requirements that apply to all products. These apply in addition to the product-specific requirements in Quality Manual Part A and/or Quality Manual Part B.

This manual is intended as a guideline and does not replace the applicable legal requirements. In any case, the current legal requirements that apply at the time of delivery of the goods apply.

Actual Swiss Regulations (Changes are implemented in the quality manual)

No.	Swiss Regulation No. (SR)	Name	Abbr.	Date of version considered in manual
1	814.81	Chemical Risk Reduction Ordinance	ORRChem	01.06.2021
2	817.023.41	Regulation on objects for human contact	HKV	20.04.2021
3	817.02	Regulation on food and consumer goods	LGV	01.07.2020
4	930.111	Ordinance on product safety	PrSV	01.01.2019
5	930.11	Federal law on product safety	PrSG	01.07.2010
6	813.11	Ordinance on Protection against Dangerous Substances and Preparations	ChemO	15.12.2020

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1. Quality Manual Part – A Softlines / Textiles

1.1 Product safety (Switzerland SR 930.11 PrSG)

Products may be placed on the market if they do not, or only marginally, jeopardise health and safety.

- They must comply with the basic health and safety requirements of the Federal Council or, if no such requirements have been set, with the state of knowledge and technology.
- Whoever places a product on the market must be able to demonstrate that it complies with the basic health and safety requirements (Declaration of Conformity)

Where no such basic health and safety requirements have been set, it must be possible to demonstrate that the product has been manufactured in accordance with the state of knowledge and technology.

- To ensure health and safety, the following should be taken into account:
 - a. the stated or anticipated **duration of use** of a product;
 - (...)
 - d. the fact that the product may be used by groups of persons that are exposed to a higher risk than others (e.g. children, people with disabilities, the elderly).
- The specific hazard potential of a product must also correspond to:
 - a. its **labelling** and presentation;
 - b. the **packaging** and instructions for its assembly, installation and maintenance;
 - c. **warning and safety instructions**;
 - d. **operating** instructions and information on its disposal;
 - e. all **other product-related information**.

1.2 Textile labelling Ginetex Switzerland

Manor recognises as a binding standard Regulation (EU) No 1007/2011 on textile fibre terms and related labelling and marking of the fibre composition of textile products.

Labelling in Switzerland is not regulated by law, but manufacturers have a legal duty to ensure they give sufficient information to the consumer. Manor is a Ginetex licence holder for Manor brands. The Ginetex care symbols are obligatory for all products of Manor private brands.

Textile labelling:

- Brand name
- Manufacturer's information (name, address in EU or Switzerland)
- Size
- Care instructions (according to Ginetex)
- Fibre composition (according to EU regulations)
- In minimum one of the Swiss national languages (German/Italian/French)
- 'Contains non-textile components of animal origin': e.g. feathers, horn buttons and leather labels on jeans
- A designation of origin ("made in ...") is not mandatory neither in Switzerland or in EU, but desired.

Care labels according to Ginetex

The full series of symbols must be included on the label without any exceptions:

Washing - Bleaching - Tumble drying - Ironing - Professional textile care



<http://www.ginetex.ch/ginetex-switzerland/>

The manufacturer must keep a record of the facts on which the labelling of the fibre composition is based for two calendar years (EU 1007/2011). The time period starts at the end of the calendar year in which the last of the products was placed on the market.

Where a manufacturer places a textile product on the market, it must ensure the labelling and accuracy of the information contained therein. In the event a manufacturer is not domiciled in the EU, its importer must ensure the labelling and accuracy of the information contained therein. (EU 1007/2011).

In accordance with EU Regulation 1007/2011, distributors in the EU are obliged to provide information on the raw material composition of their textile products for the consumer.

The raw material data must be indicated on the labels affixed to the clothing. They must be legible.

The following tolerances are included in the composition:

- Max. 2% tolerance for extraneous fibres in textiles, so long as this proportion is technically unavoidable under good manufacturing practices
- A manufacturing tolerance of +/-3% in respect to the stated fibre composition

For products containing feathers or down filling: labelling and classification must comply with EN 12934.

For goods sold in a package (e.g. hosiery), the labelling information (raw material composition) may be indicated on the package.

For products containing leather and/or fur, they must be marked word for word as follows: 'Contains non-textile components of animal origin'. Even the smallest quantities must be marked; e.g. the leather label on jeans or horn buttons.

Special materials, manufacturing processes and hangtags and use are to be discussed with Manor Purchasing.

2 Chemical requirements for textiles

2.1 Restricted Substances List

Explanations:

"n.d." Not detected "X" Regulated
"/" Not regulated "EU REACH" Regulation (EC) No 1907/2006 (REACH Regulation)

⁽¹⁾(based on OEKO-TEX Standard 100 (Annex 4) and OEKO-TEX Leather Standard)*

No	Restricted substance	Method	Manor requirements ⁽¹⁾		Legal Regulation					Material						
			Limit Adult	Limit Baby	Switzerland	Limit	EU	Limit	Difference	Plastics and other synthetic materials - PU, PVC, Rubber, TPU, TPR, EVA, etc.	Textiles and fabric from natural fibres	Textiles and fabric from synthetic fibres	Coating/Printing	Leather	Metal parts	
1	Formaldehyde	Textile: DIN EN ISO 14184-1 Leather: DIN EN ISO 17226-2	Textile/ Non-textile (except leather) Direct contact with skin: 75 mg/kg No Direct contact with skin:150 mg/kg Decorative material 300 mg/kg Leather Direct contact with skin: 75 mg/kg No Direct contact with skin: 75 mg/kg Decorative material 300 mg/kg	n.d. (16 mg/kg)	/	/		EU REACH Annex XVII Entry 72	Textile products in skin contact / Footwear: 75 mg/kg (Jacket / Coats / Upholstery: 300 mg/kg until 1 Nov 2023)	75 mg/kg cover materials direct and no direct skin contact		x	x	x	x*	

No	Restricted substance	Method	Manor requirements ⁽¹⁾		Legal Regulation					Material					
			Limit Adult	Limit Baby	Switzerland	Limit	EU	Limit	Difference	Plastics and other synthetic materials - PU, PVC, Rubber, TPU, TPR, EVA, etc.	Textiles and fabric from natural fibres	Textiles and fabric from synthetic fibres	Coating/Printing	Leather	Metal parts
2	pH	Textile: DIN EN ISO 3071 Leather: DIN EN ISO 4045	Textile: pH 4.0-7.5 (Direct contact with skin); pH 4.0-9.0 (No direct contact with skin/ Decorative material) Leather: pH 3.5-7.5	Textile: pH4.0-7.5 (Direct contact with skin); pH4.0-9.0 (No direct contact with skin/ Decorative material) Leather: pH3.5-7.5	/	/	/	/	/		X	X		X	

No	Restricted substance	Method	Manor requirements ⁽¹⁾		Legal Regulation					Material					
			Limit Adult	Limit Baby	Switzerland	Limit	EU	Limit	Difference	Plastics and other synthetic materials - PU, PVC, Rubber, TPU, TPR, EVA, etc.	Textiles and fabric from natural fibres	Textiles and fabric from synthetic fibres	Coating/Printing	Leather	Metal parts
3	Extractable heavy metals									x	x	x	x	x	
	Barium		1000 mg/kg												
	Selenium		100 mg/kg												
	Antimony	Textile/ Non-textile (except leather): EN 16711-2 Leather: ISO 17072-1; Cr(VI) ISO 17075-1:2017 with aging (ISO 10195:2018 method A2) with confirmation by ISO 17075-2:2017	30 mg/kg	30 mg/kg	/	/	/	/	/						
	Mercury		0.02 mg/kg	0.02 mg/kg	/	/	/	/	/						
	Copper		50 mg/kg	25 mg/kg	/	/	/	/	/						
	Chromium		Textile/ Non-textile (except leather): 2 mg/kg Leather: 200 mg/kg	Textile/ Non-textile (except leather): 1 mg/kg Leather: 200 mg/kg	/	/	/	/	/						
	Cobalt		4 mg/kg	1 mg/kg	/	/	/	/	/						
	Nickel		4 mg/kg	1 mg/kg	/	/	/	/							
	Lead		1 mg/kg	0.2 mg/kg	/	/	EU REACH Annex XVII Entry 72	1 mg/kg	/						
	Arsenic		1 mg/kg	0.2 mg/kg	/	/	EU REACH Annex XVII Entry 72	1 mg/kg	/						
	Cadmium		0.1 mg/kg	0.1 mg/kg	/	/	EU REACH Annex XVII Entry 72	1 mg/kg	/						
	Chromium VI (Leather)		3 mg/kg	3 mg/kg	ORRChem SR 814.81, Art. 3 and Annex 2.16	3 mg/kg	EU REACH Annex XVII Entry 47	3 mg/kg	/						
	Chromium VI (Textile)		0.5 mg/kg	0.5mg/kg,			EU REACH Annex XVII Entry 72	< 1mg/kg							

No	Restricted substance	Method	Manor requirements ⁽¹⁾		Legal Regulation					Material							
			Limit Adult	Limit Baby	Switzerland	Limit	EU	Limit	Difference	Plastics and other synthetic materials - PU, PVC, Rubber, TPU, TPR, EVA, etc.	Textiles and fabric from natural fibres	Textiles and fabric from synthetic fibres	Coating/Printing	Leather	Metal parts		
4	Heavy metals in digested samples																
	Lead in Textiles	Non-leather: EN 16711-1 Leather: ISO 17072-2	90 mg/kg	90 mg/kg	HKV SR 817.023.41	For treatment of textile materials, lead and its compounds are not to be used.	EU REACH Annex XVII Entry 63	500 mg/kg for all materials									
	Lead (coating on plastic, metal, glass / other)	Non-leather: EN 16711-1 Leather: ISO 17072-2	90 mg/kg	90 mg/kg	ORRChem SR 814.81	500 mg/kg for all material (except surface treatment on textile, and paints and varnishes)	EU REACH Annex XVII Entry 63	Metal: 500 mg/kg		x							x
	Cadmium in Textile	Non-leather: EN 16711-1 Leather: ISO 17072-2	40 mg/kg	40 mg/kg	ORRChem SR 814.81	Paints and varnishes: 100 mg/kg	EU REACH Annex XVII Entry 23	Plastic: 100 mg/kg Paint on the painted article: 1000 mg/kg Paint: not detected		x							
	Cadmium (coating on plastic, metal, glass /other)	Non-leather: EN 16711-1 Leather: ISO 17072-2	40 mg/kg	40 mg/kg	ORRChem SR 814.81	100 mg/kg	Regulation (EC) 1907/2006	Plastic: 100 mg/kg Metal: 100 mg/kg		x							x
	Nickel Release (metal accessories, metal parts)	EN 12472:2020 / EN 1811:2011 + A1:2015	Manor requirement: < 0,5 µg / cm ² /Woche		SR 817.023.41 Article 2	Direct and prolonged contact with skin: 0.88 µg/cm ² / week;	EU REACH Annex XVII Entry 27	Direct and prolonged contact with skin: 0.88 µg/cm ² / week;	/								x
	Lead Release	EN 16711-3	/		ORRChem SR 814.81, Art. 3, Annex 2.16, 3 ^{er} , 2.	0.05 µg/cm ² per hour	EU REACH 1907/2006 + 2015/628	0.05 µg/cm ² per hour	/								

No	Restricted substance	Method	Manor requirements ⁽¹⁾		Legal Regulation					Material								
			Limit Adult	Limit Baby	Switzerland	Limit	EU	Limit	Difference	Plastics and other synthetic materials - PU, PVC, Rubber, TPU, TPR, EVA, etc.	Textiles and fabric from natural fibres	Textiles and fabric from synthetic fibres	Coating/Printing	Leather	Metal parts			
5	Pesticides *(details see chapter 3.2)	USEPA Method 8081B, 3620B, 3630C (Refer to Annex I), GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD	1 mg/kg (total)	0.5 mg/kg (total)								X				X		
6	Organic Tin Compounds											X	X	X	X	X		
	Tri-substituted organostannic compounds such as TBT/TPhT/TCyT/TOT/TPT																	
	TBT		1 mg/kg	0.5 mg/kg	SR 817.023.41 (HKV)	DoT: max. 0,1 g/V%	EU REACH Annex XVII Entry 20	Trisubstituierte/DB T/DOT: max. 0,1 g/V%	REACH regulation defines in detail the scope of Dioctyltin (DOT) compound. But generally both in same scope and same limit									
	TPhT		1 mg/kg	0.5 mg/kg														
	DBT		2 mg/kg	1 mg/kg														
	DOT		2 mg/kg	1 mg/kg														
	DMT		2 mg/kg	1 mg/kg	/	/	/	/										
	DPT	Textile: ISO 22744-1:2020	2 mg/kg	1 mg/kg	/	/	/	/										
	MBT	Non-textile: CEN ISO/TS 16179: 2012	2 mg/kg	1 mg/kg	/	/	/	/										
	MOT		2 mg/kg	1 mg/kg	/	/	/	/										
	MT		2 mg/kg	1 mg/kg	/	/	/	/										
	TeBT		2 mg/kg	1 mg/kg	/	/	/	/										
	TCyHT		2 mg/kg	1 mg/kg	/	/	/	/										
	TMT		2 mg/kg	1 mg/kg	/	/	/	/										
	TOT		2 mg/kg	1 mg/kg	/	/	/	/										
	TPT		2 mg/kg	1 mg/kg	/	/	/	/										
	DPhT, MPhT, TeET, TeOT		2 mg/kg	1 mg/kg	/	/	/	/										

No	Restricted substance	Method	Manor requirements ⁽¹⁾		Legal Regulation					Material					
			Limit Adult	Limit Baby	Switzerland	Limit	EU	Limit	Difference	Plastics and other synthetic materials - PU, PVC, Rubber, TPU, TPR, EVA, etc.	Textiles and fabric from natural fibres	Textiles and fabric from synthetic fibres	Coating/Printing	Leather	Metal parts
7	Phthalates *(details see chapter 3.2)	ISO 14389	500 mg/kg (24P) Decorative material: 1000 mg/kg (23P)	500 mg/kg (24P)	SR 817.023.41, Article 14	Baby product which is intended for infants sleep, relaxation, hygiene or food supply up to 36 months: DEHP+DBP+BBP= 0.1% (total) Baby product which can be placed in mouth: DINP+DIDP+DNOP= 0.1% (total)	EU REACH Annex XVII Entries 51, 52, 72	Per Entry 51, revise to below legal requirement. Plasticized material in article DEHP / DBP / BBP / DIBP = 0.1% (Each or Total) Per Entry 72, add below legal requirement Textile products in skin contact / Footwear: DEHP / DBP / BBP / DIBP / DIHP / DMEP / DiPP / DnPP / DnHP/ DCHP/ DIOP: 1000 mg/kg (Each or Total)	Switzerland defines the baby product is up to 36 months but REACH regulation does not define the age for childcare article	x			x		

No	Restricted substance	Method	Manor requirements ⁽¹⁾		Legal Regulation					Material					
			Limit Adult	Limit Baby	Switzerland	Limit	EU	Limit	Difference	Plastics and other synthetic materials - PU, PVC, Rubber, TPU, TPR, EVA, etc.	Textiles and fabric from natural fibres	Textiles and fabric from synthetic fibres	Coating/Printing	Leather	Metal parts
8	Colorants/Dyestuff; Azo Dyes *(details see chapter 3.2)	Textile: DIN EN ISO 14362-1:2017 Leather: DIN EN ISO 17234-1:2015 4-aminoazobenzene confirmation:Textile: DIN EN ISO 14362-3:2017 Leather: DIN ISO 17234-2:2011	each 20 mg/kg	each 20 mg/kg	Article 21 of SR 817.023.41	each 30 mg/kg	EU REACH Annex XVII Entry 43, 72	22 amines: 30 mg/kg 4 arylamine salts: 30 mg/kg (Textile article with skin contact/ Footwear)	Same scope same limit		X	X	X	X	
9	Allergenic and Carcinogenic dyes per OEKO-TEX standards (Disperse Dyes)	DIN 54231													
	Dyestuff classified as carcinogenic		50 mg/kg	50 mg/kg	/	/	EU REACH Annex XVII Entry 72	Textile products in skin contact / Footwear: Disperse Blue 1 / Basic Red 9 / Basic Violet 3 with ≥ 0,1 % of Michler's ketone: 50 mg/kg (Each)	/		X	X	X	X	
	Dyestuff classified as allergenic		50 mg/kg	50 mg/kg	/	/	/	/	/			X			
	Other banned dyestuffs		50 mg/kg	50 mg/kg	/	/	/	/	/			X			

No	Restricted substance	Method	Manor requirements ⁽¹⁾		Legal Regulation					Material					
			Limit Adult	Limit Baby	Switzerland	Limit	EU	Limit	Difference	Plastics and other synthetic materials - PU, PVC, Rubber, TPU, TPR, EVA, etc.	Textiles and fabric from natural fibres	Textiles and fabric from synthetic fibres	Coating/Printing	Leather	Metal parts
12	Chlorinated Benzenes and Toluenes in sum *(details see chapter 3.2)	EN 17137	1 mg/kg (total)	1 mg/kg (total)	/	/	EU REACH Annex XVII Entry 72	< 1mg/kg	/ Textile products in skin contact / Footwear: α,α,α,4-tetrachlorotoluene: 1 mg/kg α,α,α-trichlorotoluene: 1 mg/kg α-chlorotoluene : 1 mg/kg			X			
13	Polycyclic aromatic hydrocarbons (PAH) *(details see chapter 3.2)									X			X		
	Benzo[a]pyren	AfPS GS 2019:01 PAK	1 mg/kg	0.5 mg/kg	ORRChem SR 814.81 Annex 2.9 of Art. 3	BaP, BeP, BaA, CHR, BbF, BfJ, BkF, DBA: 1.0 mg/kg (each) Compounds of plastic or rubber: articles for babies and small children: each 0.5mg/kg	EU REACH Annex XVII Entry 50	BaP, BeP, BaA, CHR, BbF, BfJ, BkF, DBA: 0.5 mg/kg (each) Toy or Childcare article: 0.5 mg/kg (each) Others: 1.0 mg/kg (each)	100% harmonized						
	Benzo[e]pyren		1 mg/kg	0.5 mg/kg											
	Benzo[a]anthracen		1 mg/kg	0.5 mg/kg											
	Chrysen		1 mg/kg	0.5 mg/kg											
	Benzo[b]fluoranthen		1 mg/kg	0.5 mg/kg											
	Benzo[j]fluoranthen		1 mg/kg	0.5 mg/kg											
	Benzo[k]fluoranthen		1 mg/kg	0.5 mg/kg											
	Dibenzo[a,h]anthracen		1 mg/kg	0.5 mg/kg											
	Sum		10 mg/kg	5 mg/kg	/	/	/	/							

No	Restricted substance	Method	Manor requirements ⁽¹⁾		Legal Regulation					Material														
			Limit Adult	Limit Baby	Switzerland	Limit	EU	Limit	Difference	Plastics and other synthetic materials - PU, PVC, Rubber, TPU, TPR, EVA, etc.	Textiles and fabric from natural fibres	Textiles and fabric from synthetic fibres	Coating/Printing	Leather	Metal parts									
14	Solvent Residues																							
	DMF	ISO/TS 16189:2013	500 mg/kg	500 mg/kg	/	/	REACH Annex XVII Entry 72	3000 mg/kg	/															
	NMP				/	/			/															
	DMAc				/	/			/															
	Formamid				200 mg/kg	200 mg/kg			/	/	/	/	/											
	Benzene											5 mg/kg												
15	Other Residues																							
	Dimethyl fumarate (applicable for material with skin contact if the product is packaged with any form of anti-mold agent)	ISO/TS 16186	0.1 mg/kg	0.1 mg/kg	ORRChem SR 814.81 Annex 2.4 of Art. 3	0.1 mg/kg	EU REACH Annex XVII Entry 61	0.1 mg/kg	0.1 mg/kg	x	x	x	x	x										
	OPP		Textile: 25 mg/kg Leather: 750 mg/kg	Textile: 10 mg/kg Leather: 250 mg/kg	/	/	/	/	/		x	x		x										
	Short chain chloroparaffins (SCCP) (C10 - C13)	ISO 18219	Leather: SCCP: 50 mg/kg Non-textile (except leather): SCCP+MCCP: 10 mg/kg (sum)	100mg/kg	ORRChem SR 814.81 Annex 1.1 of Art. 3	SCCPs limit (other): < 1000 mg/kg	EU POPs regulation; (EU) No 1021/2019	1500 mg/kg		x				x	x									
	TCEP		10 mg/kg	10 mg/kg	/	/	/	/	/	x	x							x						

No	Restricted substance	Method	Manor requirements ⁽¹⁾		Legal Regulation					Material					
			Limit Adult	Limit Baby	Switzerland	Limit	EU	Limit	Difference	Plastics and other synthetic materials - PU, PVC, Rubber, TPU, TPR, EVA, etc.	Textiles and fabric from natural fibres	Textiles and fabric from synthetic fibres	Coating/Printing	Leather	Metal parts
15	PFOS (required if sample declared with stain and water repellent finishing)	ISO 23702-1	1 µg/m ²	1 µg/m ²	ORRChem SR 814.81	PFOS: Textile/ Coated material: 1 µg/m ² Others: 0.1%	EU POPs regulation	PFOS: Textile/ Coated material: 1 µg/m ² Others: 0.1%	/	x	x	x		x	
	PFOA		0.025 mg/kg (25 ppb)	0.025 mg/kg (25 ppb)	/	/	EU POPs regulation	PFOA and its salts: 0.025 mg/kg (25 ppb) PFOA related substances: 1 mg/kg (1000 ppb)							
	PFUdA		0.1 mg/kg	0.05 mg/kg	/	/	/	/							
	PFDoA		0.1 mg/kg	0.05 mg/kg	/	/	/	/							
	PFTrDA		0.1 mg/kg	0.05 mg/kg	/	/	/	/							
	PFTeDA		0.1 mg/kg	0.05 mg/kg	/	/	/	/							
	PFHpA		0.1 mg/kg Decorative material: 0.5 mg/kg	0.05 mg/kg	/	/	/	/							
	PFNA		0.1 mg/kg Decorative material: 0.5 mg/kg	0.05 mg/kg	/	/	/	/							
	PFDA		0.1 mg/kg Decorative material: 0.5 mg/kg	0.05 mg/kg	/	/	/	/							

No	Restricted substance	Method	Manor requirements ⁽¹⁾		Legal Regulation					Material					
			Limit Adult	Limit Baby	Switzerland	Limit	EU	Limit	Difference	Plastics and other synthetic materials - PU, PVC, Rubber, TPU, TPR, EVA, etc.	Textiles and fabric from natural fibres	Textiles and fabric from synthetic fibres	Coating/Printing	Leather	Metal parts
16	Flame retardants substances *(details see chapter 3.2) (required if sample treated with Flame Retardants)	In-house method; GC-MS/ GC-NPD/MS /LC-MS analysis	Textile/ Non-textile (except leather): 10 (each); SCCP+MCCP: 50 mg/kg; 50 mg/kg (sum all substances)	Leather: 10 (each); SCCP+MCCP: 50 mg/kg; 50 mg/kg (sum all substances) n.d.	ORRChem SR 814.81, Annex 1.9	TRIS / TEPA: It is prohibited for the manufacturer to place textiles on the market containing substances which are intended to be worn directly or indirectly next to the skin	EU REACH Annex XVII Entry 4, Entry 7, Entry 8 Entry 45, EU POP	PBB / TRIS / TEPA: Not Detected HBCDD: 100 mg/kg OctaBDE: 1000 mg/kg PentaBDE/ TetraBDE/ HexaBDE/ HeptaBDE / DecaBDE: 500 mg/kg (Sum).	Harmonized in CH list since 2018	x	x	x	x		

No	Restricted substance	Method	Manor requirements ⁽¹⁾		Legal Regulation					Material						
			Limit Adult	Limit Baby	Switzerland	Limit	EU	Limit	Difference	Plastics and other synthetic materials - PU, PVC, Rubber, TPU, TPR, EVA, etc.	Textiles and fabric from natural fibres	Textiles and fabric from synthetic fibres	Coating/Printing	Leather	Metal parts	
18	Emission of Volatiles									X		X	X	X		
	Formaldehyde	Test Chamber Method, GC-MS analysis	0.1 mg/m ³	0.1 mg/m ³	/	/	/	/	/							
	Toluene		0.1 mg/m ³	0.1 mg/m ³	/	/	/	/	/							
	Styrene		0.005 mg/m ³	0.005 mg/m ³	/	/	/	/	/							
	Vinylcyclohexene		0.002 mg/m ³	0.002 mg/m ³	/	/	/	/	/							
	4-Phenylcyclohexene		0.03mg/m ³	0.03mg/m ³	/	/	/	/	/							
	Butadiene		0.002 mg/m ³	0.002 mg/m ³	/	/	/	/	/							
	Vinyl Chloride		0.002 mg/m ³	0.002 mg/m ³	/	/	/	/	/							
	Aromatic Hydrocarbons		0.3 mg/m ³	0.3 mg/m ³	/	/	/	/	/							
	Volatile Organic Compounds		0.5 mg/m ³	0.5 mg/m ³	/	/	/	/	/							
19	Banned fibres: Asbestos	Microscopic examination	None	None	/	/	/	/	/		X	X				
20	Arsenic	Non-leather: EN 16711-1 Leather: ISO 17072-2	100 mg/kg	100 mg/kg	SR 817.023.41 Article 22	For the treatment of textile materials, arsenic and its compounds shall not be used.	/	/		The REACH regulation of arsenic is not in textile scope		X	X			

No	Restricted substance	Method	Manor requirements ⁽¹⁾		Legal Regulation					Material					
			Limit Adult	Limit Baby	Switzerland	Limit	EU	Limit	Difference	Plastics and other synthetic materials - PU, PVC, Rubber, TPU, TPR, EVA, etc.	Textiles and fabric from natural fibres	Textiles and fabric from synthetic fibres	Coating/Printing	Leather	Metal parts
21	Heavy metals in packaging	In-House method - sample digestion. ICP-OES/MS analysis and colorimetric analysis	/	/	Annex 2.16 of Art. 3 of ORRChem 814.81	Cd, Hg, Cr(VI) and Pb: 100 mg/kg (total)	EU Packaging and Packaging Waste Directive 94/62/EC	Cd, Hg, Cr(VI) and Pb: 100 mg/kg (total)	/	x			x	x	x
22	Quinoline	DIN 54231	50 mg/kg	50 mg/kg	/	/	EU REACH Annex XVII Entry 72	50 mg/kg			x	x			
23	Mercury	Non-leather: EN 16711-1 Leather: ISO 17072-2	0.5 mg/kg	0.5 mg/kg	ORRChem SR 814.81 Annex 1.7	Paint and Varnishes: Not detected (10 mg/kg) Others: 100 mg/kg	/	/		x	x	x	x	x	

2.2 Details on Restricted Substances List

2.2.1 Details on Pesticides (Chapter 2.1, No. 5)

No.	CAS Nr.	Material Name
Aliphatic monocyclic systems		
1	/	Hexachlorocyclohexane (HCH, all isomers)
Aliphatic polycyclic systems		
2	309-00-2	Aldrin
3	57-74-9	Chlordane
4	143-50-0	Chlordecone (kepone)
5	60-57-1	Dieldrin
6	115-29-7 959-98-8 33213-65-9	Endosulfan and its isomers
7	72-20-8	Endrin
8	76-44-8 1024-57-3	Heptachlor and heptachlor epoxide
9	465-73-6	Isodrin
10	4234-79-1	Kelevan
11	2385-85-5	Mirex
12	8001-50-1	Strobane
13	297-78-9	Telodrin
14	8001-35-2	Toxaphene
DDT and similar compounds		
15	/	dichlorodiphenyldichloroethylene (DDE)
16	/	dichlorodiphenyldichloroethane (DDD)
17	72-43-5	methoxychlor
18	72-56-0	perthane
19	115-32-2	dicofol
20		Trichlorophenoxy fatty acids and their derivatives
21	93-76-5	2,4,5-trichlorophenoxy fatty acids and their salts, and 2,4,5-trichlorophenoxyacetyl compounds;
22	93-72-1	2- (2,4,5-trichlorophenoxy) propionic acids and their salts, and 2- (2,4,5-trichlorophenoxy) propionyl compounds.

2.2.2 Details on Phthalates (chapter 2.1, no 7)

No.	CAS No.	Material name
1	84-74-2	Dibutylphthalate (DBP)
2	85-68-7	Benzylbutylphthalate (BBP)
3	117-81-7	Bis(2-ethylhexyl)phthalate (DEHP)
4	28553-12-0	Di-isononylphthalate (DINP)
5	117-84-0	Di-octylphthalate (DNOP)
6	26761-40-0	Di-isodecylphthalate (DIDP)

2.2.3 Details on Azo dyes (chapter 2.1, no. 8)

SR 817.023.41, Art. 21

Technical norms for determining

Textile: ISO 14362-1:2017;

Leather: ISO 17234-1:2015

4-aminoazobenzene confirmation:

Textile: ISO 14362-3:2017

Leather: ISO 17234-2:2011

Azo dyes are prohibited in the following objects:

textile materials, leather products and other items meant for human contact

- 1) clothing, bedlinen, sleeping bags, hand towels, hair accessories, wigs, hats, nappies and other toiletries;
- 2) shoes, gloves, watch straps, handbags, purses and wallets, briefcases, chair covers;
- 3) textile and leather toys, and toys with textiles or leather garments;
- 4) yarns and fabrics for sale
- 5) the use of navy blue is not allowed to use as dye in textiles or leather

VALUE: Concentration of 30 mg/kg each must not be exceeded

No.	CAS No.	Index No.	EC No.	Material name
1	92-67-1	612-072-00-6	202-177-1	Biphenyl-4-ylamine 4-Aminobiphenyl Xenylamine
2	92-87-5	612-042-00-2	202-199-1	Benzidine
3	95-69-2		202-441-6	4-Chlor-o-toluidine
4	91-59-8	612-022-00-3	202-080-4	2-Naphthylamine
5	97-56-3	611-006-00-3	202-591-2	o-Aminoazotoluene 4-Amino-2',3-dimethylazobenzene 4-oTolylazo-o-toluidine
6	99-55-8		202-765-8	5-Nitro-o-toluidine
7	106-47-8	612-137-00-9	203-401-0	4-Chloroaniline
8	615-05-4		210-406-1	4-Methoxy-m-phenylenediamine
9	101-77-9	612-051-00-1	202-974-4	4,4'-Methylenedianiline 4,4'-Diaminodiphenylmethane
10	91-94-1	612-068-00-4	202-109-0	3,3'-Dichlorobenzidine 3,3'-Dichlorobiphenyl-4,4'-ylendiamine
11	119-90-4	612-036-00-X	204-355-4	3,3'-Dimethoxybenzidine o-Dianisidine
12	119-93-7	612-041-00-7	204-358-0	3,3'-Dimethylbenzidine 4,4'-Bi-o-toluidine
13	838-88-0	612-085-00-7	212-658-8	4,4'-Methylenedi-o-toluidine
14	120-71-8		204-419-1	6-Methoxy-m-toluidine p-Cresidine
15	101-14-4	612-078-00-9	202-918-9	4,4'-Methylene-bis-(2-chloroaniline) 2,2'-Dichloro-4,4'-methylenedianiline
16	101-80-4		202-977-0	4,4'-Oxydianiline
17	139-65-1		205-307-9	4,4'-Thiodianiline
18	95-53-4	612-091-00-X	202-429-0	o-Toluidine 2-Aminotoluene
19	95-80-7	612-099-00-3	202-453-1	4-Methyl-m-phenylenediamine
20	137-17-7		205-282-0	2,4,5-Trimethylaniline
21	90-04-0	612-035-00-4	201-963-1	o-Anisidine 2-Methoxyaniline
22	60-09-3	611-008-00-4	200-453-6	4-Aminoazobenzene

2.2.4 Details on Chlorinated phenols (chapter 2.1, no. 11)

No.	CAS No.	Material name
1	87-86-5	Pentachlorophenol
2	935-95-5	2,3,5,6-Tetrachlorophenol
3	58-90-2	2,3,4,6-Tetrachlorophenol
4	4901-51-3	2,3,4,5-Tetrachlorophenol
5	15950-66-0	2,3,4-Trichlorophenol
6	933-78-8	2,3,5-Trichlorophenol
7	933-75-5	2,3,6-Trichlorophenol
8	95-95-4	2,4,5-Trichlorophenol
9	88-06-2	2,4,6-Trichlorophenol
10	609-19-8	3,4,5-Trichlorophenol
11	82-68-8	Quintozene

2.2.5 Details on Chlorinated Benzenes and Toluenes (chapter 2.1, no. 12)

No.	CAS No.	Material name
1	/	Dichlorobenzenes
2	120-82-1	1,2,4- Trichlorobenzenes
3	608-93-5	Pentachlorobenzenes
4	/	Tetrachlorobenzenes
5	118-74-1	Hexachlorobenzene
6	/	Chlorotoluenes
7	/	Dichlorotoluenes
8	/	Trichlorotoluenes
9	/	Tetrachlorotoluenes
10	/	Pentachlorotoluene
11	/	Halogenated biphenyls, terphenyls, naphthalenes and diarylalkanes
12	/	Halogenated biphenyls with the formula $C_{12}H_nX_{10-n}$; X = halogen, $0 \leq n \leq 9$
13	/	Halogenated terphenyls with the formula $C_{18}H_nX_{14-n}$; X = halogen, $0 \leq n \leq 13$
14	/	Halogenated naphthalenes with the formula $C_{10}H_nX_{8-n}$; X = halogen, $0 \leq n \leq 7$
15	76253-60-6	Monomethyl-tetrachloro-diphenyl methane
16	/	Monomethyl-dichloro-diphenyl methane
17	99688-47-8	Monomethyl-dibromo-diphenyl methane

2.2.6 Details on PAH material (according to REACH and GS) (chapter 2.1, no. 13)

SR 814.81 ORRChem (Chemical Risk Reduction Ordinance), Annex 2.9, e^{bis}, number 2
SR 817.023.41 (Ordinance on items for human contact), Art. 14c

AfPS (German commission for Product Safety): GS PAHs requirement

Parameter EU	Category 1	Category 2		Category 3	
GERMAN PRODUCT SAFETY COMMISSION (AFPS) TESTING AND ASSESSMENT OF POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) IN THE AWARD OF GS MARKS – SPECIFICATION PURSUANT TO ARTICLE 21(1) NO. 3 OF THE PRODUCT SAFETY ACT (PRODSG) AFPS GS 2019:01 PAK, APRIL 10, 2020	Materials intended to be placed in the mouth, or materials coming into long-term contact with skin (> 30 seconds) during intended use:	Materials not covered by Category 1, coming into long-term contact (> 30 seconds) or short-term repetitive contact*** with skin during intended or foreseeable use		Materials not covered by Category 1 or 2, coming into short-term contact (≤ 30 seconds) with skin during intended or foreseeable use	
	In toys (Directive 2009/48/EC) or For use by children*, ** up to 3 years of age (mg/kg)	2a Used by children under 14 (mg/g)	2b Other consumer products (mg/kg)	3a Used by children under 14 (mg/kg)	3b Other consumer products (mg/kg)
Benzo[a]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[e]pyrene					
Benzo[a]anthracene					
Benzo[b]fluoranthene					
Benzo[j]fluoranthene					
Benzo[k]fluoranthene					
Chrysene					
Dibenzo[a,h]anthracene					
Benzo[g,h,i]perylene					
Indeno[1,2,3-cd]pyrene					
Anthracene, fluoranthene, phenanthrene, pyrene	< 1 (sum)	< 5 (sum)	< 10 (sum)	< 20 (sum)	< 50 (sum)
Naphthalene	< 1	< 2		< 10	
Sum 15 PAH (mg/kg)	< 1	< 5	< 10	< 20	< 50

*'Child' is legally defined as a person under 14 years of age

**Use by children includes both active and passive direct contact by children

***Definition of 'short-term repetitive contact' has the same meaning as amended entry 50 to Annex XVII of REACH (Regulation (EC) 1272/2013)

**** According to Article 2(28) to Chapter 1 of the Product Safety Act (ProdSG), 'foreseeable use' means the use of a product in a manner that is not intended by the person who places it on the market, but is reasonably foreseeable

2.2.7 Details on No.16, Flame retardants

No.	CAS No.	Material name
1	126-72-7	Tris(2,3-Dibromopropyl) Phosphate (Tris)
2	545-55-1	Tris(aziridinyl)phosphin oxide (TEPA)

3 Physical requirements for textiles

3.1 Physical properties of garments

The individual requirements per article category are described in detail in the FFU (Fit For Use).

3.1.1 FFU's 1 - 17

	Fashion
FFU #	Category
1	3rd Layer Outdoor Overwear
2	Ski & Functional Wear
3	2nd Layer Casual & Dinner Wear
4	Shirts, Tops, Blouses, woven
5	2nd Layer Casual knitted
6	Polo & Sweatshirts
7	Sportswear woven
8	Sportswear knitted
9	Underwear knitted
10	Underwear woven
11	Lingerie
12	Socks & Hosiery
13	Swimwear
14	Textile Accessories
15	Straw Summer Articles
16	Textile Bags
17	Leather goods

3.1.2 Further Requirements for textile:

Odour	Sensory testing	No noticeable odour: Textiles with noticeable odour that can be traced back to incorrect manufacture are not accepted	
Flammability	EN 1103:2005 Textiles – Clothing textiles	Textiles must not be designed in such a manner that they are easily flammable. No surface flash	Swiss Ordinance: SR 817.023.41
	EN 14878, Children's nightwear	<p>Class A: No Surface-Flash Marker thread at 520 mm not severed in less than 15 s</p> <p>Class B: No surface-flash Marker thread at 520 mm not severed in less than 10 s</p> <p>Subjected to design feature requirements Class C: none</p>	
Flammability of costumes	EN 1103	30 mm/s, no surface flash	Swiss Ordinance on the Safety of Toys SR 817.023.11 (EN 71-2)
Children's safety	SN EN 14682:2015 Children's clothing	Standard on Safety of Children's Clothing	Swiss Ordinance: SR 817.023.41 Valid Version: SN EN 14682: 2015

3.2 Physical properties of home textiles

The individual requirements per article category are described in detail in the FFU (Fit For Use)

3.2.1 FFU's. 40 – 44

Home Textiles	
FFU #	Category
40	Bed linen
41	Table linen, Deco
42	Towels
43	Curtains
44	Carpets

3.2.2 Further Requirements of home textile:

Odour	Sensory testing	No noticeable odour: Textiles with noticeable odour that can be traced back to incorrect manufacture are not accepted	
Flammability	EN 1101 :2005; EN 13772:2011	Textiles intended for the furnishing and lining of rooms, such as bedlinen, tablecloths, furniture fabrics, carpets, curtains. Textile materials must not be so easily flammable and combustible that they present a disproportionately high risk. No surface flash	SR 817.023.41 (Art. 18 HKV)
	Bedsheets for children	(no requirements for bedsheets)	
	Textiles – Clothing textiles EN 1103:2005,	Textile materials must not be so easily flammable and combustible that they present a disproportionately high risk. No surface flash/no fire on the surface	
	Tablecloths	(no requirement for tablecloths)	

4 Processing / Product quality

4.1 Product quality: General requirements for textiles and products

4.1.1 Woven fabric

- To avoid shrinkage in cotton fabrics, the fabric must be pre-washed.
- No holes, faults, fibre tufts or spots are accepted in the fabric or product.
- Fabric shrinkage of products with wash effects must be taken into account in the pattern before cutting.

4.1.2 Lining and interlining

- Lining and interlining must not damage the fabric or product.
- Lining and interlining must support and finish the fabric or product.

4.1.3 Cutting

- All parts must be cut in the marked or given direction.
- All parts must be cut according to the run of checks, stripes, pile or pattern unless agreed otherwise.
- There must be no difference between checks, stripes, pile or pattern within a garment.
- The use of the fabric must not exceed the given limits.
- The gusset must not be cut away.
- The hem allowance of 2 cm must be used.
- Care must be taken to ensure that all fabrics, in particular knit fabrics such as jersey, are laid out and cut without any tension.

4.1.4 Printed textiles

- The structure of the fabric must remain unchanged after printing.
- Printing must not affect the fabric characteristics negatively.
- Prints must not discolour or fade during wear or cleaning.
- Unless agreed otherwise: Printing must be in accordance with instructions.
- Care must be taken to ensure that all fabrics are laid out and cut without any tension.

4.1.5 Fusing

- The structure of the fabric must remain unchanged after fusing.
- The interlining must be fused properly according to the duration, temperature and pressure.
- Type, place and warp direction of the interlining must be used according to the interlining instructions, unless agreed or requested otherwise.
- Seam fusing must be placed in the stitching.
- Shrinkage in warp and/or weft direction must be reported if higher than 1.5%.
- Fusing must not affect the fabric characteristics negatively.

4.1.6 Stitching and overlocking

- All seams, pleats and hems must be symmetrical, uniform, parallel and smooth, unless agreed otherwise.
- All seams must be secured against fraying by stitching, back tacking or cross-stitching.
- All decorative stitching must be uniform and the same colour as the fabric without any colour deviations, unless agreed otherwise.
- No loose threads are allowed.
- All appliqués and finishes must be 3 to 4 stitches long, unless agreed otherwise.
- Back tacking must have the same length as the seam width, unless agreed or requested otherwise.
- All stitching must be undamaged and clean.
- Cross-stitching must be applied correctly.
- The gusset must fit together.
- Yarn tension must be adjusted to the fabric so that the stitching is smooth and clean, unless agreed otherwise.
- None of the methods used must affect the fabric or fit negatively.
- The thickness and type of needle must match the fabric in order to avoid damage.
- Stretchable seams must be overlocked or another stretchable stitch type used, as requested.
- The back rise seam must be overlocked.
- All edges must be finished properly so that no loose threads are visible, unless agreed otherwise.
- All pocket corners must be secured by bar tacking, unless agreed otherwise.
- Button and buttonhole size must fit each other.
- Buttonholes must be secured against fraying and ripping.
- Button neck must match the fabric thickness.
- All seam allowances must be 1 cm, unless agreed otherwise.
- Seam strength must be in accordance with the tensile strength of the fabric.
- Seam type must match the fabric in order to avoid puckering or seam slippage, unless agreed otherwise.
- All seams on waterproof products must be taped. All taped/glued seams must be flat without waves.
- Top stitching should be executed only according to the instructions.
- In the case of woven fabrics, the stitch length should be 2.5 mm and uniform from start to finish, unless agreed otherwise.
- Zippers and zipper tape must match the main colour of the fabric without deviation, unless agreed otherwise.
- The zipper must be the correct length and sewn flat, no wave lines.
- Broken needles must be removed from fabric to avoid risk of injury.

Pressing and ironing

- No changes in structure and/or moisture content of the fabric is allowed.
- No damage caused by pressing or ironing, such as impression, shine or change in colour, is allowed.
- Pleats, turn-ups, folds, etc. must be wash-resistant, unless agreed otherwise.
- No false pleats, folds or wrinkles are allowed.
- All seams must be pressed and/or ironed according to the instructions.
- There must be no wave-like change in warp and weft direction.
- Allowances for width and length of inner linings must be ironed as ease pleats, unless agreed or requested otherwise.

4.1.7 Trimmings

- All trimmings must be colour-fast and rustproof. Sharp edges are not allowed.
- All trimmings must be in the same colour as the fabric, unless otherwise agreed in the trimming instructions.
- All trimmings must be attached securely in order to avoid damage or loss.
- All fastenings must open and close easily and fit correctly.
- All trimmings must fulfil the quality standards on the label.
- All trimmings must be set correctly in the right position and according to the pattern and model instructions.
- The type of trimming must conform to the requirements.
- Double-breasted jackets must have an inner button, placed exactly under the outer button.
- All weak and open-structure fabrics must have a contra-button.
- The button must not damage the button hole.
- One spare button of each type used in the product must be included. If 10 or more buttons are used, two spare buttons must be attached (unless agreed otherwise).
- Cords and ribbons must be secured against fraying or pulling out in accordance with ISO EN 14682.
- Shrinkage, tear strength, colour fastness, melting point, elongation and abrasion resistance should be designed so that no damage occurs to the fabric or product.

4.1.8 Filling (down or padding)

- Weight, density and content of the filling material must be as requested or approved (tolerance: max. 5%).

4.2 Additional production quality requirements for knit fabrics and products

4.2.1 Trimming and other applied materials and/or fabrics

- All trimmings must be in the colour of the fabric, unless agreed otherwise in the trimming instructions or with an approved sample.
- All trimmings must be set correctly in the right position and according to the pattern and model instructions or to the approved sample.
- The type of trimming must conform to the trimming instructions or to the approved sample.
- Shrinkage, bursting strength, colour fastness, melting point, elongation and abrasion resistance must be matched to the knit fabric and product.
- Labelling must fulfil the label instructions and legal requirements – no less, no more.
- The labels must remain permanently attached and the printing must be wear and wash-resistant.
- Hanger loops with heavyweight fabrics for coat hangers. Please recheck with buying department. Please note point 6.1.1 with regard to children's clothing.

4.2.2 Cutting

- Knit defects in the fabric must be avoided.
- All panels must be cut in accordance with check, stripe, pile, face and pattern as marked or directed.
- All panels within a garment must be identical in colour and quality.
- There must be no difference in the contour between the upper and lower layer.
- Prints, patterns, check, stripes, etc. must match correctly, unless agreed otherwise.

4.2.3 Prints and fusing

- The structure of the knit fabric must remain unchanged after printing.
- Printing must not affect the knit fabric characteristics negatively.
- Prints must not discolour or fade during wear or cleaning.
- Unless agreed otherwise: Printing and fusing must be in accordance with instructions.
- Care must be taken to ensure that all fabrics, in particular knit fabrics such as jersey, are laid out and cut without any tension.

4.2.4 Stitching and overlocking

- Type and colour of thread must be in accordance with the instructions or the approved sample, unless agreed otherwise.
- All stitching must be finished against ripping or thread breakage.
- Yarn tension must be adjusted to the knit fabric to prevent thread breakage and seam breakdown and puckering through wear and cleaning.
- Stitching must not affect the fabric or fit negatively.
- The thickness and type of needle must match the knit fabric to avoid damage.
- All edges and buttonholes must be secured against fraying and/or ripping. Loose threads must not be visible.
- Stitch type must be adjusted to the knit fabric in order to prevent stretching.
- Embroidery must not become loose during use or cleaning.
- Stitch length must be selected according to the pattern and must be uniform from beginning to end, unless agreed otherwise.
- Button and buttonhole size must fit each other.
- Seam tape or other stabilising tape in the same material must be used in shoulder seams.
- Certain knitwear seams must include silicon tape.

4.2.5 Pressing and ironing

- There must be no defective result after pressing, such as change in colour, false pleats, folds or wrinkles.

4.3 Control and conditioning

- Article, design, colour, blend, fibre type, composition, hand feel, weight, yarn count and finishing must match the approved sample. In addition, knit products must be manufactured at the same level and with the same type of knitting machine as the approved sample.
- Prints, patterns, checks, stripes, etc. must match correctly.
- Colour deviations within a fabric are not allowed.
- Spots of chalk or oil, etc, holes, weaving defects and other irregularities are not allowed.
- Fibre mix due to lint formation must be avoided.
- Each product must have a size label according to the size specification. For deviations, see chapter 5.4.
- The garment must be clean, symmetrical and without any defects, such as press marks, shiny spots, flaws, damage, stains, etc.
- The colour and appearance must not be changed by wearing or cleaning.

4.4 Measurement tolerances

4.4.1 Tops

Measurement	Men	Women	Women	Kids
	Tolerances in cm	Tolerances in cm	Maddison Knit	Tolerances in cm
½ Chest	+/- 1.0	+/- 1.0	+/- 2.0	+/- 0.7
½ Waist	+/- 1.0	+/- 1.0	+/- 2.0	+/- 0.5
½ Back width	+/- 1.0			+/- 0.7
½ Bottom hem	+/- 1.0	+/- 1.0	+/- 2.0	+/- 0.7
Neck width	+/- 0.5	+/- 0.5	+/- 0.5	+/- 0.5
Front neck drop	+/- 0.5	+/- 0.5	+/- 0.5	+/- 0.5
Shoulder across	+/- 1.0	+/- 1.0	+/- 1.0	+/- 1.0
Armhole	+/- 0.5	+/- 0.5	+/- 0.5	+/- 0.5
½ Upper Sleeve / muscle	+/- 0.5	+/- 0.5	+/- 0.5	+/- 0.5
½ Elbow width	+/- 0.5	+/- 0.5	+/- 0.5	+/- 0.5
½ Sleeve bottom hem	+/- 0.5	+/- 0.5	+/- 0.5	+/- 0.5
Sleeve length from CB long sleeve	+/- 1.5			+/- 1.5
Sleeve length from LPS long sleeve	+/- 1.0	+/- 1.0	+/- 1.0	+/- 1.0
Sleeve length from CB short sleeve	+/- 1.0			+/- 1.0
Sleeve length from LPS short sleeve	+/- 0.5	+/- 0.5	+/- 0.5	+/- 0.5
Back length	+/- 1.5	+/- 1.0	+/- 1.0	+/- 1.0

4.4.2 Trousers and skirts

Measurement	Men	Damen	Kinder
	Tolerances in cm	Tolerances in cm*	Tolerances in cm
½ Waistband	+/- 1.0	+/- 1.0	+/- 0.5
½ Hip	+/- 1.0	+/- 1.0	+/- 0.7
½ Thigh	+/- 0.7	+/- 0.7	+/- 0.7
½ Knee	+/- 0.5	+/- 0.5	+/- 0.5
½ Bottom hem	+/- 0.5	+/- 0.5	+/- 0.5
Inseam / Total length	+/- 2.0	+/- 1.0	+/- 1.5
Front rise	+/- 0.5	+/- 0.5	+/- 0.5
Back rise	+/- 0.7	+/- 0.7	+/- 0.7

4.4.3 Bras and briefs

No measurement tolerances are accepted for bras and briefs.

4.4.4 Home textiles

Woven goods: +/- 3%

Knitwear: +/- 5%

5 Special requirements for children's clothing

5.1 Cords and drawstrings for children's clothing

Safety of children's clothing **SN EN 14682:2015**– Cords and drawstrings on children's clothing up to the age of 14, clothing sizes 92-164 (German)

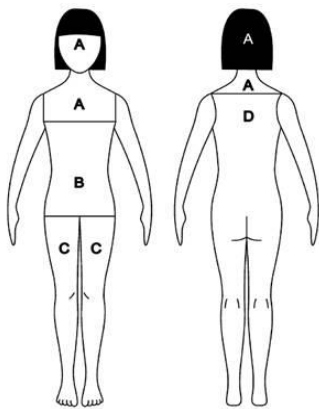
Cords and drawstrings on clothing for children up to the age of 14 must be designed in such a way that they minimise as much as possible the risk of catching, strangulation or injury.

Distinctions are to be made between the different body regions, the age of the child and purpose. Requirements will vary depending on these.

The length and shape of all 'cords, bows, decorations, belts, etc.' on articles of clothing are to be inspected before production pursuant to the requirements of SN EN 14682:2015!

An overview of the various body regions:

Age	Height in cm	Size (DE)
2 years	87 - 92	92
3 years	93 - 98	98
4 years	99 - 104	104
5 years	105 - 110	110
6 years	111 - 116	116
7 years	117 - 122	122
8 years	123 - 128	128
9 years	129 - 134	134
10 years	135 - 140	140
11 years	141 - 146	146
12 years	147 - 152	152
13 years	153 - 158	158
14 years	159 - 164	164



5.1.1 Hanger loops for hangers (tops)

Hanger loops for hangers (loops found inside the garment that prevent it from falling off the hanger in the store) are not precisely regulated in the standard EN 14682. The standard only states that such loops must be assessed for risk.

Recommendation:

- If possible, do not use hanger loops
- If hanger loops are necessary, where possible make two small loops with a breaking strength of max. 25N.

5.2 Colour-fastness to saliva

Items for small children up to the age of three must be saliva-fast (DIN53160-1, grade 5).

5.3 Fastening safety

5.3.1 Small parts must have the following minimum pull-off force:

e.g. buttons, appliqués, etc

- **Parts \geq 6 mm:** 70N
- **Parts $>$ 3 mm but $<$ 6 mm:** 50N
- **Parts \leq 3 mm:** negligible changes during test procedures of washing and drying process
Not graspable (incl. sequins, pearls): negligible changes during test procedures of washing and drying process; each sequin should be kept flat with min. 3 stitches.
(Recommendation DIN CEN/TR 16792)

5.3.2 Braces/belts must have the following tensile strength:

- 90N (EN 71-1:2014 pg. 8.4: for 10 sec 90N)

5.4 Children's clothing with play value

Appliqués that encourage play must fulfil the toy safety guidelines. (EN71)

See Manor Quality Manual Part B Hardgoods (e.g. choking hazard from small parts).

6 Leather goods

6.1 Product groups

- Leather goods (bags, gloves, belts, wallets)
- Leather toys and toys with textile or leather garments
- Home textiles made of leather

6.2 Labelling for leather



The leather logo with the leather skin is no legally protected symbol. Without additional information it is to be used only for products complying with the definition according to the German regulation RAL 060 A2.

In Switzerland there is no labelling requirement for leather clothing. Even the European Textile Labelling Act is not applicable, because leather does not consist of at least 80% textile fibres. In Switzerland there is only a labelling requirement for fur.

6.2.1 Leather:

The term leather is only to be used for genuine leather and/or fur. For leather with a surface coating (plastic, film or varnish), the layer must not be thicker than 0.15 mm.

6.2.2 Leather-like materials:

Word combinations with the term 'leather' for leather-like materials that are not made from animal hide and/or fur are not allowed (e.g. 'textile leather', 'recycling leather', 'PU leather').

6.2.3 Bonded leather:

This is a material made from shredded leather scraps. Leather scraps that are glued together and, for example, form the inside of a belt and/or are coated with PU must be labelled 'bonded leather'.

6.2.4 Coated leather:

The term '**coated leather**' is used when the exterior surface coating does not exceed one third of the total thickness of the product but has a thickness of more than 0.15 mm.

The term '**patent leather**' may be used when the leather has a reflective surface that does not exceed one third of the total thickness of the product.

6.2.5 Leather in material composite:

The term 'leather' is to be used when the leather is firmly bonded by gluing, sewing or similar to a layer of non-leather material (e.g. plastic, textile), whereby the proportion of the leather is at least 80%. Otherwise, both materials must be indicated (e.g. watch strap: outer leather/inner plastic, or belt: outer leather/inner textile).

6.3 Chemical and physical requirements for leather

No.	Substance	Method	Legal Regulation				Additional Manor Requirements
			Switzerland	Limit	EU	Limit	EU Other or Special Requirements
1	Colourants/ dyestuffs; azo dyes *(see details in chapter 3.2)	DIN EN ISO 17234-1:2015	SR 817.023.41 Article 21	Each < 30 mg/kg	EU REACH 1907/2006 Annex XVII Entry 43	Each < 30 mg/kg	
2	4-Aminoazobenzene *(see details in chapter 3.2)	DIN ISO 17234-2:2011	SR 817.023.41 Article 21	Each < 30 mg/kg	EU REACH 1907/2006 Annex XVII Entry 43	Each < 30 mg/kg	
3	Chromium VI	ISO 17075-2:2017	ORRChem SR 814.81 Annex 2.16	3 mg/kg	EU REACH 1907/2006 Annex XVII Entry 47	3 mg/kg	LFGB § 64 BVL B 82.02-11 / Manor Requirements: use ageing condition Heavy metals in digested samples
4	Heavy metals, total						
4.1	Cadmium, total (only for plastic parts)	ISO 1122:2002	ORRChem SR 814.81	100 mg/kg	EU REACH Annex XVII	100 mg/kg	OEKO-TEX 40 mg/kg (plastic)
4.2	Lead, total content	ISO 1122:2002	ORRChem SR 814.81	500 mg/kg	EU REACH Annex XVII	500 mg/kg	OEKO-Tex 90 mg/kg (plastic)
5	Extractable heavy metals (in a solution of synthetic perspiration) (detection with AAS or IPC)						
5.1	Barium						OEKO-Tex (1000 mg/kg)
5.2	Selenium						OEKO-Tex (100 mg/kg)
5.3	Sb, Antimony	DIN EN ISO 17072-1	/	/	/	/	OEKO-Tex 30 mg/kg
5.4	As, Arsenic	DIN EN ISO 17072-1	/	/	/	/	OEKO-Tex Baby: 0.2 mg/kg Adults: 1 mg/kg
5.6	Pb, Lead	DIN EN ISO 17072-1	/	/	/	/	OEKO-Tex Baby: 0,2 mg/kg Adults: 1 mg/kg
5.7	Cd, Cadmium	DIN EN ISO 17072-1	/	/	/	/	OEKO-Tex 0.1 mg/kg
5.8	Co, Cobalt	DIN EN ISO 17072-1	/	/	/	/	OEKO-Tex Baby: 1 mg/kg Adult: 4 mg/kg
5.9	Cu, Copper	DIN EN ISO 17072-1	/	/	/	/	OEKO-Tex Baby: 25 mg/kg Adult: 50 mg/kg
5.10	Ni, Nickel	DIN EN ISO 17072-1	/	/	/	/	OEKO-Tex Baby: 1 mg/kg Adult: 4 mg/kg
5.11	Hg, Mercury	DIN EN ISO 17072-1	/	/	/	/	OEKO-Tex 0.02 mg/kg

No.	Substance	Method	Legal Regulation				Additional Manor Requirements
			Switzerland	Limit	EU	Limit	EU Other or Special Requirements
6	Nickel (only for metal parts)	EN 12472:2020 / EN 1811:2011+ A1:2015	SR 817.023.41 Art. 2 ¹⁰ HKV < 0.5 µg/cm ² / week	Direct and prolonged contact with skin: SGS Rep. Info 0.88 µg/cm ² / week;	EU REACH Annex XVII Entry 27	Direct and prolonged contact with skin: SGS Rep. Info 0.88 µg/cm ² / week;	not listed in OEKO-Tex ; Manor < 0.5 µg/cm ² / week
7	Penta-, Tetra-, Trichlorphenol	ISO 17070	ORRChem SR 814.81 Annex 1.2 Art. 3	n.d.= 5 mg/kg	EU POP	5 mg/kg	OEKO-Tex: Babies till 36 mth: 0.05 mg/kg
8	Formaldehyde	ISO 17226-2	/	/	/	/	Baby: 10 mg/kg Other age range: 75 mg/kg Decorative: 300 mg/kg
9	pH value	DIN EN ISO 4045	/	/			OEKO-Tex: 3.5-7.5
10	Short-chain chlorinated paraffins (SCCP) (C10-13)	GC-MS or GC-ECD	ORRChem SR 814.81	1000 mg/kg	(EU) 2015/230	SCCPs limit (flame retardant): no use; SCCPs limit (other): < 1000 mg/kg	OEKO-Tex: 100 mg/kg
11	Dimethylfumarate	ISO/TS 16186	ORRChem SR 814.81	0.1 mg/kg	EU-REACH Annex XVII, Entry 61	0.1 mg/kg	
12	Pesticides	DIN ISO 17070 cleaned up extracts analysed by GC or HPLC	/	/	/	TeCP, PCP <1 ppm, others <1 ppm, e.g. DDT, lindane	Cat. IV
13	Colour Fastness to rubbing	ISO 11640	/		/	/	Dry grade 3 wet grade 2-3 Dry abrasion (20 cycles, nappa leather 50 cycles) Wet abrasion (10 cycles, nappa leather 20 cycles)
14	Colour Fastness to perspiration	ISO 11641	/		/	/	Requirement: 3-4
15	Colour Fastness to water	ISO 11642	/		/	/	Requirement: 3
16	Smell	/	/	/	/	/	Sensory verification of smell: Product specific

7 Feathers and down

7.1 Labelling of feathers and down for clothing/home textiles/bedding

(in accordance with DIN EN 12934)

Mandatory: The composition % down, % feathers. Grades of 10% in decreasing order. An exception is filling with 85% feathers and 15% down, formerly described as half down.

The composition of the filling:

RAL	DIN EN 12934	
	Outdated term	Minimum down content (in %)
Pure down	100	
Down	90	10
Feathery down	50	50
Three-quarters down	30	70
Half down	15	85
Feathers	under 15	under 85

- **Optional:** Information on the colour and origin of the filling material. The nature of this information is not stipulated in the standard.
- **Optional:** Information on new materials and class (detailed provisions apply). If these are indicated on the label, they must comply with the provisions in the standard; i.e. the information on 'new' and 'Class I'.
New materials have a content of less than 5% of what are known as 'other elements'. The terms 'original' and 'half down' may no longer be used.
- **Optional:** Information on the fowl species (detailed provisions apply). In accordance with EN 12934, the designation 'water fowl' (geese or ducks) is permitted on the label. If information on the species is provided, it must also indicate their respective content. E.g. 'pure goose' means a 'goose' content of at least 90%.

Water fowl species – examples of suitable designations on the label according to the content %:

Composition in percentage %				Designation(s)
100	to	90.0	Goose	Pure goose
0	to	9.9	Duck	
89.9	to	70.0	Goose	Goose
10.0	to	29.9	Duck	
69.9	to	50.0	Goose	Goose/duck
30.0	to	49.9	Duck	
69.9	to	50.0	Duck	Duck/goose
30.0	to	49.9	Goose	
89.9	to	70.0	Duck	Duck
10.0	to	29.9	Goose	
100	to	90.0	Duck	Pure duck
0	to	9.9	Goose	

7.2 Physical requirements clothing/home textiles/bedding

Test parameters	Standard	Specified requirements	Requirements
Dimensional stability to washing	ISO 3759:2007 ISO 5077: 2007 ISO 6330:2012	After 1 wash After 3 washes	/ +/- 3% (extension or shrinkage)
Appearance after laundering	Washing procedures same as shrinkage	1. Colour change 2. Seam 3. Appearance of buttons 4. Feather & down 5. Shape	No significant change No significant change No significant change No visual penetrated of filling materials No appreciable distortion
Downproofness of cloth to feather and down	Ref. FTMS 191 Method 5530	Fibers Escaped Feathers Escaped	Downproofness Rating Explanation 5 ≤ 5 fibres, 1 small feather 4 6-10 fibres, ≤ 2 feathers 3 11-20 fibres, ≤ 4 feathers 2 21-30 fibres, ≤ 7 feathers 1 31+ fibres, ≥ 8 feathers
Determination of a filled product's total mass and of the mass of the filling	EN 13088:2001	Size of sample	Number of tested products: Total mass of the product (g) Mass of empty case / shell (g) Mass of the filling material (g)
Composition Analysis of Feather and Down	EN 12131:1998		Whole waterfowl feather Whole landfowl feather Broken and damaged waterfowl feather Broken and damaged landfowl feather Quill feathers Down clusters and plumules Down fibers Waterfowl feather fibers Landfowl feather fibers Residual matter
Composition Labeling of Processed Feathers & Down For Use As Sole Filling Material	EN 12934:1999		Label declared
Determination of Oxygen Index Number of Feather and Down	EN 1162:1996		Mg oxygen/100gr of sample
Turbidity of Aqueous Extract of Feather and Down	EN 1164:1998	General Mean of H1 and H2 (mm)	> 500

8 Shoes

8.1 Labelling

Manor recognises as a binding standard Directive (EC) 94/11/EC on the labelling of materials used in the main components of footwear.

In accordance with EU Directive 94/11/EC, distributors/importers in the EU are obliged to provide the consumer with information on the material used in their footwear and components.

8.1.1 Components of a shoe to be labelled:

The following components of a shoe must be labelled with respect to the materials used:



Image 1



Image 2



Image 3

Image 1: **Lining and sock** (materials inside the shoe)

Image 2: **Outer material** (upper and/or outer material)

Image 3: **Outsole** (material that makes contact with the ground and which wears out)

- The materials indicated in the above-mentioned materials must account for 80% of the surface and volume. Where several materials are incorporated (e.g. leather and textile as the outer material), the main materials must be indicated.
- This information must be indicated directly on the footwear (on at least one shoe of the pair): printed, affixed, stamped or on an attached tag
- The composition of the shoe must be indicated with pictograms or in writing through labelling of the materials.
- The labelling must be legible, durable and clearly visible; the pictograms must be large enough that the information can be easily understood. The labelling must not mislead the consumer.

8.1.2 A distinction is to be made between the following materials:



Image 1



Image 2



Image 3



Image 4

Image 1: Leather: Leather is understood to mean the hides and skins of which the fibre structure has not been altered. Leather that has been broken down or ground and glued and manufactured into sheets is not 'leather'. A colour or layer of film applied to the leather may not be thicker than 0.15 mm.

Image 2: Coated leather: Coated leather is leather on which a colour application or film is thicker than 0.15 mm and does not constitute more than one third of the total thickness. If the application is greater than one third, it is no longer 'leather' but rather an artificial leather.

Image 3: Textile: Textile is understood as all natural and synthetic textiles.

Image 4: Other material: Other material is understood as all materials that do not fall into one of the above groups. For example, rubber or plastic for an outsole.'

- The manufacturer is responsible for supply of the label and the accuracy of the information contained therein. If neither the manufacturer nor its authorised agent is established in the community, this obligation falls on the person responsible for first placing the footwear on the community market. The retailer remains responsible for ensuring that the footwear sold by it bears the appropriate labelling prescribed by this directive.

8.1.3 Labelling shoes:

- Brand name
- Manufacturer's address/distributor
- Size
- Material/pictograms (according to 94/11/EC)
- In minimum one Swiss language (German/Italian/French)

8.2 Labelling of animal furs and pelts

See Manor Quality Manual Part C.

9 Quality Manual Part – B / Hardgoods

10 Toys

Term and scope of application

10.1.1 Definition of toys:

(SR 817.023.11) all items used by children up to 14 years of age for playing. To qualify as a toy, an item need not be intended exclusively for playing purposes.

10.1.2 Products not considered as toys:

1. **Decorative objects** for festivities and celebrations;
2. **Products for adult collectors:**
 - a. detailed and faithful scale models,
 - b. kits for the assembly of detailed scale models,
 - c. folk and decorative dolls and other similar articles,
 - d. historical replicas of toys,
 - e. reproduction of real firearms;
3. **Sports equipment** (including roller skates, inline skates and skateboards)
(for children > 20 kg)
4. **Bicycles** with a maximum seat height of more than 435 mm (distance from the ground to the top of the seat)
5. **Scooters and other means of transport** intended for travel on roads (for children > 20 kg)
6. **Electrically driven vehicles** intended for use on public roads or pathways or on public pavements;
7. **Aquatic equipment** for use in deep water and swimming learning devices for children, such as swim seats and swimming aids;
8. **Puzzles with more than 500 pieces;**
9. **Guns and pistols operated with compressed gas**, with the exception of water guns, and bows for archery more than 120 cm long;
10. **Fireworks**, including percussion caps, that are not designed specifically for toys;
11. **Products and games** using sharp-pointed missiles, such as sets of darts with metallic points;

12. **Functional educational products**, such as ovens, irons or other functional products operated at a nominal voltage exceeding 24 volts and which are sold exclusively for teaching purposes under adult supervision;
13. **Products intended for use for educational** purposes in schools and in other pedagogical frameworks under the surveillance of an adult instructor, such as science equipment;
14. **Electronic equipment**, such as personal computers and game consoles used to access interactive software and their associated peripherals, unless the electronic equipment or the associated peripherals are designed specifically for and targeted at children, such as specially designed **personal computers, keyboards, joysticks or steering wheels**;
15. **Interactive software** intended for leisure and entertainment, such as computer games and storage media (e.g. CDs);
16. **Babies' soothers**;
17. **Child appealing luminaires**;
18. **Electrical transformers for toys**;
19. **Fashion accessories for children** which are not for use in play.

10.2 Labelling and warnings

10.2.1 Labelling

1. An identification label (e.g. **type, lot, model or serial number**) directly on the product or if that is not possible, on the packaging or in the documents accompanying the toy.
2. **Information on the manufacturer and importer**: At least name and address of the EU or CH-importer.¹
3. **Manor requirement**: The supplier must provide the purchasing department with all the required product information necessary for Manor AG to sell the product online.

¹ Subject to facilitation by international agreements

10.2.2 Warnings and instructions for use

1. The warnings must be used with the wording stipulated below.
2. Warnings are to be applied **on the toy itself** on an affixed **label** or on **the** packaging; if necessary for the use, on the enclosed instructions for use.
3. For small toys without packaging, the applicable warnings should be affixed **on the toy itself** where possible.
4. Warnings that determine the decision to purchase a toy must be clearly visible (to avoid misrepresentation).
5. Toys must not bear warnings that conflict with the intended use of the toy as determined by its dimensions and characteristics.
6. Warnings and user manual have to be written at least in one of the official swiss languages.
Manor requirement: If not all three official languages (D, F, I) are available, the product may only be offered regionally and not online

If necessary:

- the **minimum or maximum age**
- the **minimum or maximum weight**
- the **required skills**
- an indication that the toy may **be used only under the supervision of adults**.

10.3 Mandatory:

The information below is mandatory pursuant to EU Toy Safety Directive 2009/48/EC and the Swiss Toy Safety Ordinance SR 817.023.11. Furthermore, the supplier must ensure that all the necessary labelling and warnings for use of products sold to Manor AG are declared, which are not listed below.

1. Toys that may be dangerous for children under 36 months of age:

'Warning. Not suitable for children under 36 months.'
or 'Warning. Not suitable for children under three years.'
or a warning in the form of the following graphic:



- accompanied by a brief indication of the specific hazard and precautions (instructions of use)
 - does not apply to toys that are manifestly unsuitable for children under 36 months of age.
 - Sense of smell **board games**, cosmetic kits and taste games **may not be used by children under 36 months**. Warning is mandatory.
2. Activity toys:
'Warning. Only for domestic use.'
 - Instructions for use: regular checks and maintenance of the main parts (suspensions, fixings, anchorages, etc.) is necessary; if these checks are not carried out, the toy may fall or overturn.
 - Instructions for correct assembly.

3. Functional toys:

'Warning. To be used under the direct supervision of an adult.'

- Instructions for use: Precautions that indicate hazards unless the toy is kept out of the reach of children under a certain age. This age is to be specified by the manufacturer

4. Chemical toys:

'Warning. Not suitable for children under x years. For use under adult supervision.'

- Chemistry sets, plastic embedding sets, miniature workshops for ceramics, enamelling or photography and similar toys that lead to a chemical reaction or similar substance alteration during use.
- in the event it contains dangerous substances, the hazardous nature of these substances or mixtures must be stipulated. (precautions, hazards, first-aid measures to be given in the event of a serious accident.
- must be kept out of the reach of children under a certain age. The age is to be specified by the manufacturer.
- requirements on the classification, packaging and labelling of substances and mixtures are reserved.

5. Skates, roller skates, inline skates, skateboards, scooters and toy bicycles for children:

'Warning. Protective equipment should be worn. Not to be used in traffic.'

- Information should be given on the recommended protective equipment (helmets, gloves, knee pads, elbow pads etc.);
- Reminder that the toy must be used with caution.

6. Aquatic toys:

'Warning. To be used only in water in which the child is within its depth and under adult supervision.'

7. Toys in food:

'Warning. Toy inside. Adult supervision recommended.'

8. Imitations of protective masks and helmets:

'Warning. This toy does not provide protection.'

9. Toys fixed to cradles, cots or push chairs:




'Warning. To prevent possible injury by entanglement, remove this toy when the child starts trying to get up on its hands and knees in a crawling position.'

- The indication must be written on the packaging and remain permanently on the toy.

10. Packaging for fragrances in sense of smell board games, cosmetic kits and sense of taste games:

'Warning. Contains fragrances that may cause allergies.' (see 2.4.1.3 Allergenic fragrances)

10.3.1 Mandatory information for toys

category Spielwaren	Warnhinweise Deutsch	Avertissements francais	Avvertenze italiano
	"Achtung! ..."	"Attention! ..."	"Avvertenza!"
Under 36 months	"Nicht für Kinder unter 36 Monaten geeignet." oder "Nicht für Kinder unter 3 Jahren geeignet." oder das Warnsymbol:	"Ne convient pas aux enfants de moins de 36 mois." ou "Ne convient pas aux enfants de moins de trois ans." ou sous la forme du graphique suivant:	"Non adatto a bambini di età inferiore a 36 mesi." oppure "Avvertenza. Non adatto a bambini di età inferiore a tre anni." oppure il seguente pittogramma:
Warning Symbol			
Activity toys	"Nur für den Hausgebrauch."	"Réservé à un usage privé."	"Solo per uso domestico."
Functional toys	WARNUNG. Nur unter der direkten Aufsicht eines Erwachsenen benutzen.	ATTENTION. À utiliser sous la surveillance rapprochée d'un adulte	"Da usare sotto la diretta sorveglianza di un adulto."
Chemical toys	Achtung. Nicht geeignet für Kinder unter (*) Jahren. Benutzung unter Aufsicht von Erwachsenen.	Attention - Ne convient pas aux enfants de moins de (*) ans. À utiliser sous la surveillance d'un adulte..	Attenzione. Non adatto a bambini di età inferiore a (*) anni. Da usare esclusivamente sotto la supervisione di un adulto.
Skates, roller skates, inline-skates, skateboards, scooters and toy bicycles for children	Achtung. "Mit Schutzausrüstung zu benutzen. Nicht im Straßenverkehr zu verwenden." Achtung. Dieses Spielzeug hat keine Bremse Achtung. Dieses Spielzeug ist aufgrund seiner Höchstgeschwindigkeit nicht für Kinder unter 3 Jahren geeignet. Achtung. Dieses Spielzeug ist aufgrund seiner Höchstgeschwindigkeit nicht für Kinder unter 6 Jahren geeignet.	ATTENTION. À utiliser avec un équipement de protection. Ne pas utiliser sur la voie publique". ATTENTION. Ce jouet ne comporte pas de frein. ATTENTION. Ce jouet ne convient pas aux enfants de moins de 3 ans en raison de sa vitesse maximale ATTENTION. Ce jouet ne convient pas aux enfants de moins de 6 ans en raison de sa vitesse maximale	Attenzione. Si raccomanda di indossare un dispositivo di protezione. Non usare nel traffico. Attenzione. Questo giocattolo non è dotato di freni Attenzione. Questo giocattolo non è adatto a bambini di età inferiore a 3 anni a causa della sua velocità massima Attenzione. Questo giocattolo non è adatto a bambini di età inferiore a 6 anni a causa della sua velocità massima
Water toys	"Nur im flachen Wasser und unter Aufsicht von Erwachsenen benutzen."	"À n'utiliser qu'en eau où l'enfant a pied et sous la surveillance d'un adulte."	"Da utilizzare unicamente in acqua dove il bambino tocca il fondo con i piedi e sotto la sorveglianza di un adulto."

Toys in food	"Enthält Spielzeug. Beaufsichtigung durch Erwachsene empfohlen."	"Contient un jouet. La surveillance d'un adulte est recommandée."	"Contiene giocattolo. Si raccomanda la sorveglianza di un adulto."
Imitations of protective masks and helmets	"Dieses Spielzeug bietet keinen Schutz."	"Ce jouet n'assure pas une protection."	"Questo giocattolo non fornisce protezione."
Toys which are designated to be fixed with cords, tapes or belts etc to cradles, cots or push chairs	Spezieller Warnhinweis für diese Kategorie auf Spielzeug vorhanden, aber nicht zwingend notwendig im Online-Text ("Um mögliche Verletzungen durch Verheddern zu verhindern, ist das Spielzeug zu entfernen, wenn das Kind beginnt, auf allen vieren zu krabbeln.")	Un avertissement spécial est disponible pour cette catégorie jouets, mais pas absolument nécessaire dans le texte en ligne ("Afin d'éviter tout risque d'étranglement, ôter le jouet dès que l'enfant tente de se mettre à quatre pattes ou de ramper.")	Un avviso speciale è disponibile in questa categoria i giocattoli, ma non è assolutamente necessario nel testo on line ("Per evitare eventuali lesioni da impigliamento, rimuovere questo giocattolo quando il bambino comincia a tentare di alzarsi sulle mani e sulle ginocchia in posizione di gattonamento.")
Toys with cords or chains for children of 18 months or older but under 36 months	Achtung. Nicht für Kinder unter 18 Monaten geeignet. Lange Schnur/Lange Kette. Strangulationsgefahr.	Attention. Ne convient pas aux enfants de moins de 18 mois. Longue corde/Longue chaîne. Danger de strangulation.	Attenzione! Non adatto a bambini di età inferiore a 18 mesi. Corde lunghe / catene lunghe. Rischio di strangolamento
Packaging for fragrances in sense of smell board games, cosmetic kits and sense of taste games	"Enthält Duftstoffe, die Allergien auslösen können."	"Contient des substances parfumantes susceptibles de causer des allergies."	"Contiene fragranze potenzialmente allergizzanti."

Information: Warnings always start with the signal word "Attention" and are to be put in inverted commas, e.g. "Attention. Not suitable for children under 3 years."

10.4 Conformity

10.4.1 Regulations on conformity

The following criteria must be fulfilled for marketing a toy and selling it to Manor AG:

- The article must correspond to the technical standards (see Technical standards for the safety of toys) and comply with the requirements.
- A safety assessment must be carried out before the article is first placed on the market; chemical, physical, mechanical, electrical, flammability, hygiene and radioactive properties
(mechanical requirements pursuant to EN 71-1, 71-8, 71-14);
- For plush articles associated with a play value for children, the Product Safety Act generally applies: Irrespective of the classification of product category and/or age rating, it can generally be assumed that plush products (electrical and non-electrical) are handed over by the user to children under three years of age. Compliance with the physical and chemical requirements for toys intended for children under three years old must therefore be observed and ensured for all plush products as a matter of principle.
- Retention of technical documentation: a period of 10 years after the toy has been placed on the market;
- Declaration of Conformity (see Declaration of Conformity/DoC) must be written in one of the official languages of Switzerland or in English.
- Manufacturer: must keep the Declaration of Conformity up to date. Documentation for products sold to Manor AG must be no more than **three years** old at the time of delivery.
- Manufacturer: The Declaration of Conformity must be kept for a period of 10 years after the toy was first placed on the market. In the event of series production, this period begins on the date the last example was placed on the market.
- Importer: a copy of the Declaration of Conformity must be kept available for a period of 10 years after the toy was first placed on the market.

10.4.2 Declaration of conformity/DOC-Toys

It is compulsory to submit the copy of the Declaration of Conformity to Manor AG:

The Declaration of Conformity must include at a minimum the elements specified in the applicable modules set out in Annex II of Decision No. 768/2008/EC1 and the following elements:

1. Title: Declaration of Conformity
2. No. (unique identification number of the toy);
3. name and address of the manufacturer or its authorised agent;
4. the declaration:
‘The sole responsibility for the issuance of this Declaration of Conformity shall be borne by the manufacturer.’;
5. object of the declaration (description of the toy for the purpose of traceability) with a colour photo in which the toy is clearly identifiable;
6. the declaration that the object described in point 4 satisfies the applicable provisions;
7. information on the applicable technical standards used or information on the technical documentation with which conformity is declared (the specifications for which conformity is stated);
8. where applicable, the declaration: ‘The conformity assessment body (name, identification number) ... has issued ... (description of its measures) and the following certificate: ...’;
9. additional information:
signature for and in the name of:
(location and date of issuance), (name, position), (signature).

Note:

For all toy products, including children’s costumes and accessories for children’s clothing, the supplier is required without being so requested to submit a copy of the statutory Declaration of Conformity to the responsible Manor purchasing division for an order placed by Manor AG. This DOC is preferably written in German. DOCs are also accepted in the official languages of Switzerland (German, French, Italian) or in English.

- See also section 21.3 for electronic toys

10.5 Requirements for all toys

Chemical requirements for toys

10.5.1 General chemical requirements

General chemical requirements						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
1	Substances that are classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2	2009/48/EC	Prohibited, shall not be used in toys, in components of toys or in micro-structurally distinct parts of toys. Manufacturer declaration from the manufacturer is required	SR 813.11 (Swiss Chemicals Ordinance, ChemO) + 817.023.11 (Swiss Toy Safety Ordinance, VSS)	Prohibited, shall not be used in toys, in components of toys or in micro-structurally distinct parts of toys. (does not apply to toys with nickel in stainless steel/or which are meant to conduct electricity)	-
2	Formaldehyde in wood	ChemVerbotsV	80 mg/kg (according to EN 71-9) or. ≤ 8.0 HCHO/100 g panel (perforator method) ≤ 3.5 mg HCHO /hm ² (gas analysis method)	/	/	-
3	XRF screening	2011/65/EU and add-ons		/	/	-
4	Benzene, toluene	(EC) 1907/2006	Toluene: 1000 mg/kg Benzene: 5 mg/kg (in toys)	SR 817.023.11 (Toy Safety Ordinance, VSS)	Benzene: < 5 mg/kg	-

General chemical requirements						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
5	Perfluorooctanesulfonates, perfluorooctanoic acid (PFOS, PFOA)	Directive 2006/122/EC	Textile/coated material: 1µg/m ² plastic: 0.10% PFOS: < 1 µg/m ² PFOA: <10µg/m ²	SR 814.81 (Chemical Risk Reduction Ordinance, ORRChem, Annex 1.16)	< 0.001% of PFOS	-
6	For < 36 months or with oral contact:	Directive 93/11/EEC Ordinance 2009/48/EC	For < 36 months or with oral contact:	SR 817.023.11 (Toy Safety Ordinance, VSS)	For < 36 months or with oral contact:	-
	➤ Nitrosamine		Max. 0.01 mg/kg		Max. 0.05 mg/kg	
	➤ Nitrosable substances		Max. 0.1 mg/kg		Max. 1 mg/kg	
7	Pentachlorophenol (PCP) Tetrachlorophenol (TeCP)	EU 1907/2006	5 mg/kg	SR 814.81 (Chemical Risk Reduction Ordinance, ORRChem)	PCP, TeCP: Article or their components which are not containing merely unavoidable impurities 5 mg/kg)	Ban on use in Switzerland
8	Flame retardants pursuant to Toy Safety Directive	Toy Safety Directive 2009/48/EC	each < 5 mg/kg	SR 817.023.11 (Toy Safety Ordinance, VSS)	TCEP 5 mg/kg TCPP 5 mg/kg TDCEP 5 mg/kg	
9	Flame retardants * only when used for treatment	EU REACH Annex XVII Entry 4, Entry 7, Entry 8	PBB/TRIS/TEPA: Ban on use	SR 814.81 (Toy Safety Ordinance, VSS) Annex 1.1; 1.2; 1.9	Tetra/penta/hexa/hept BDE: 10 mg/kg Octa BDE: 1000 mg/kg TRIS/TEPA: Ban on use	-
10	Bisphenol A	2009/48/EC (change in directive 2017/898)	0.04 mg/l	SR 817.023.11 (Toy Safety Ordinance, VSS)	0.04 mg/l	-

General chemical requirements						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
11	PAH (GS mark)	AfPS GS 2019:01	15 PAH-> see 2.4.1.5 - PAH agent	/	/	Only the 8 PAH pursuant to REACH are valid in Switzerland
12	PAH (REACH)	Ordinance 1907/2006/EC	8 PAHs -> see 2.4.1.5 - PAH agent each < 0.5 mg/kg	SR 814.81 (Chemical Risk Reduction Ordinance, ORRChem, Annex 2.9, section 2, para. 1d)	Incl. activity toys, only in parts made of plastic or rubber with skin/oral contact:	8 PAHs listed in the Chemicals Ordinance ChemO with the same parameters and same values as REACH
13	Phthalates – plasticiser (DEHP, DBP, BBP, DIPB, DIDP, DNOP, DINP)	Ordinance 1907/2006/EC	DEHP+DBP+BBP+DIBP < 0.1%	SR 817.023.11 (Toy Safety Ordinance, VSS)	DEHP+DBP+BBP+DIPB < 0.1%	-
			DINP+DIDP+DNOP < 0.1%		DINP+DIDP+DNOP < 0.1%	
14	Wood preservatives incl. PCP	ChemVerbotsV	5 mg/kg (PCP)	SR 814.81 (Chemical Risk Reduction Ordinance, ORRChem)	Ban on use	Ban on use in Switzerland – permitted in the EU
15	AZO colourants	Consumer Goods Ordinance	30 mg/kg	817.023.41 (Ordinance on Articles for Human Contact)	30 mg/kg	No difference between EU and Swiss legislation
	Azo colourants (see 2.4.1.4 Prohibited azo colourants)	SN EN 14362-1:2012, SN EN 14362-3:2012				
16	Allergenic dispersion dyes	§30 LFGB	5 mg/l	/	/	-

General chemical requirements						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
17	Formaldehyde in textiles	DIN EN ISO 14184-1	30 mg/kg	/	/	-
18	Organotin compounds	LFGB (§ 30) ISO 17353	TBT – ≤0.5 mg/kg	SR 817.023.41 (EDI) Art. 22	DOT – ≤1.0 mg/kg	-
			DBT – ≤1.0 mg/kg			
			MBT – ≤1.0 mg/kg			
			TPht – ≤1.0 mg/kg			
			DOT – ≤2.0 mg/kg			
19	Nickel release	Consumer Goods Ordinance	0.5µg/cm ² /week	SR 817.023.41 (EDI Art. 2, paras. 1, 2)	0.5 µg/cm ² /week	-
20	Preservatives	DIN EN 71-9	Must comply to standard	Not harmonised	/	Manor requirement: Compliance of EU directive with EN 71-9
21	Dyes	DIN EN 71-9	Must comply to standard	Not harmonised	/	Manor requirement: Compliance of EU directive with EN 71-9
22	Primary aromatic amines	DIN EN 71-9	Must comply to standard	Not harmonised	/	Manor requirement: Compliance of EU directive with EN 71-9
23	Monomers (migration)	DIN EN 71-9	Must comply to standard	Not harmonised	/	Manor requirement: Compliance of EU directive with EN 71-9
24	Solvents (migration)	DIN EN 71-9	Must comply to standard	Not harmonised	/	Manor requirement: Compliance of EU directive with EN 71-9
25	Organochlorine carrier	Requirements customary in the market	1 mg/kg	/	/	No law in EU or Switzerland. Decision by the manufacturer/supplier. No mention in Switzerland.

General chemical requirements						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
26	Alkylphenols (NP/OP)	Regulation (EC)No.1907/2006	Nonylphenols: 1000 mg/kg	/	/	-
			Octylphenols (in Germany general orientation value of 1000 mg/kg)			
27	Alkylphenol ethoxylates	Regulation (EC)No1907/2006	100 mg/kg	/	/	-
28	Short-chain chlorinated paraffins (SCCP) C10-13	Regulation (EC) 850/2004, Annex I EU POPs regulation; (EU) No 1021/2019	SCCPs limit Flame retardants: no use Other uses: < 1000 mg/kg	SR 814.81 (ORRChem) Annex 1.1, section 2 a)	1% mass content	-
29	Formamide (not regulated by law)	Toy directive 2009/48/EG	Max. 200 mg/kg (total content) Limit exceeded: max. 20 µg/m ³ emission over 28 days			
30	Formaldehyde	EN 645 and EN 1541	30 mg/kg	/	/	-

10.5.2 Chemical requirements for heavy metals soluble in hydrochloric acid

Chemical requirements for heavy metals soluble in hydrochloric acid						
No.	Parameters	According to Toy safety ordinance VSS, Limits according to EN 71-3 (valid for 817.023.11 Toy Safety Ordinance VSS and 2009/48/EC)			Comments and additions	Verification of comments
		in dry, brittle, powder-like or pliable toy material	in liquid or sticky toy material	in scraped-off toy material		
		mg/kg	mg/kg	mg/kg		
1	Aluminium	5625	1406	70000	/	/
2	Antimony	45	11.3	560	/	/
3	Arsenic	3.8	0.9	47	Wood treated with arsenic compounds may not be placed on the market	1907/2006/EC
4	Barium	1500	375	18750	/	/
5	Boron	1200	300	15000	/	/
6	Chromium (III)	37.5	9.4	460	/	/
7	Chromium (VI)	0.02	0.005	0.053	/	/
8	Cobalt	10.5	2.6	130	/	/
9	Copper	622.5	156	7700	/	/
10	Lead	2	0.5	23	100 mg/kg (total)	2009/48/EC
11	Manganese	1200	300	15000	/	/
12	Mercury	7.5	1.9	94	/	/
13	Nickel	75	18.8	930	/	/
14	Selenium	37.5	9.4	460	/	/
15	Strontium	4500	1125	56000	/	/
16	Tin	15000	3750	180,000	/	/
17	Organotin compounds	0.9	0.2	12	/	/
18	Zinc	3750	938	46000	/	/
19	Cadmium	1.3	0.3	17	≤100 mg/kg (total) or ≤1,000 mg/kg for dyes with higher zinc content	1907/2006/EC

10.5.3 Allergenic fragrances

10.5.3.1 Labelling obligation for allergenic fragrances

Labelling obligation for allergenic fragrances Duty to declare on the label/accompanying document if 100 mg/kg is exceeded.		
No.	Allergenic fragrances	CAS number
1	Anisyl alcohol	105-13-5
2	Benzyl benzoate	120-51-4
3	Benzyl cinnamate	103-41-3
4	Citronellol	106-22-9
5	Farnesol	4602-84-0
6	Hexyl cinnamaldehyde	101-86-0
7	Lilial	80-54-6
8	d-Limonene	5989-27-5
9	Linalool	78-70-6
10	Methyl heptine carbonate	111-12-6
11	3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one	127-51-5

10.5.3.2 Prohibited fragrances

Prohibited fragrances					
Traces of these fragrances may be present if it is technically unavoidable, but 100 mg/kg must not be exceeded.					
No.	Allergenic fragrances	CAS no.	No.	Allergenic fragrances	CAS no.
1	Alanroot oil (Inula helenium)	97676-35-2	29	6-Methylcoumarin	92-48-8
2	Allylisothiocyanate	57-06-7	30	7-Methylcoumarin	2445-83-2
3	Benzyl cyanide	140-29-4	31	5-Methyl-2,3-hexanedione	13706-86-0
4	4 tert-Butylphenol	98-54-4	32	Costus root oil (Saussurea lappa Clarke)	8023-88-9
5	Chenopodium oil	8006-99-3	33	7-Ethoxy-4-methylcoumarin	87-05-8
6	Cyclamen alcohol	4756-19-8	34	Hexahydrocoumarin	700-82-3
7	Diethyl maleate	141-05-9	35	Peru balsam, crude (exudation of Myroxylon pereirae (Royle) Klotzsch)	8007-00-9
8	Dihydrocoumarin	119-84-6	36	2-Pentylidene-cyclohexanone	25677-40-1
9	2,4-Dihydroxy-3-methylbenzaldehyde	6248-20-0	37	3, 5, 10-Trimethyl-3, 5, 9-undecatrien-2-one	1117-41-5
10	3,7-Dimethyl-2-octen-1-ol (6,7-Dihydrogeraniol)	40607-48-5	38	Verbena oil (Lippia citriodora Kunth)	8024-12-2
11	4,6-Dimethyl-8-tert-butylcoumarin	17874-34-9	39	Musk ambrette (4-tert-Butyl-3-methoxy-2,6-dinitrotoluene)	83-66-9
12	Dimethyl citraconate	617-54-9	40	4-Phenyl-3-buten-2-one	122-57-6
13	7,11-Dimethyl-4,6,10-dodecatrien-3-one	26651-96-7	41	Amyl cinnamaldehyde	122-40-7
14	6,10-Dimethyl-3,5,9-undecatrien-2-one	141-10-6	42	Amyl cinnamyl alcohol	101-85-9
15	Diphenylamine	122-39-4	43	Benzyl alcohol	100-51-6
16	Ethyl acrylate	140-88-5	44	Benzyl salicylate	118-58-1
17	Fig leaf, fresh and preparations	68916-52-9	45	Cinnamyl alcohol	104-54-1
18	trans-2-Heptenal	18829-55-5	46	Cinnamaldehyde	104-55-2
19	trans-2-Hexenal diethyl acetal	67746-30-9	47	Citral	5392-40-5
20	trans-2-Hexenal dimethyl acetal	18318-83-7	48	Coumarin	91-64-5
21	Hydroabietyl alcohol	13393-93-6	49	Eugenol	97-53-0
22	4-Ethoxy-phenol	622-62-8	50	Geraniol	106-24-1
23	6-Isopropyl-2-decahydronaphthalenol	34131-99-2	51	Hydroxy-citronellal	107-75-5
24	7-Methoxycoumarin	531-59-9	52	Hydroxy-methylpentylcyclohexenecarboxaldehyde	31906-04-4
25	4-Methoxyphenol	150-76-5	53	Isoeugenol	97-54-1
26	4-(p-Methoxyphenyl)-3-butene-2-one	943-88-4	54	Oak moss extracts	90028-68-5
27	1-(p-Methoxyphenyl)-1-penten-3-one	104-27-8	55	Tree moss extracts	90028-67-4
28	Methyl trans-2-butenoate	623-43-8			

10.5.4 Prohibited azo dyes

Azo dyes are prohibited for use in the following items:

SR 817.023.41, Art. 21; technical standards for determination:

- SN EN 14362-1:2012,
- EN 14362-3:2012

In textile items, leather products and other objects with contact to the human body

- Chair covers;
- Textile- and leather toys and toys with textile- or leather clothing;
- Value: Concentrations of 30 mg/kg each are not to be exceeded

Prohibited AZO colourants (pursuant to SN EN 14362-1:2012 and SN EN 14362-3:2012)				
No.	Material name	Index number	EC number	CAS number
1	Biphenyl-4-ylamine 4-Aminobiphenyl Xenylamine	612-072-00-6	202-177-1	92-67-1
2	Benzidine	612-042-00-2	202-199-1	92-87-5
3	4-Chloro-o-toluidine	NA	202-441-6	95-69-2
4	2-Naphthylamine	612-022-00-3	202-080-4	91-59-8
5	o-Aminoazotoluene 4-Amino-2',3-dimethylazobenzene 4-oTolylazo-o-toluidine	611-006-00-3	202-591-2	97-56-3
6	5-Nitro-o-toluidine	NA	202-765-8	99-55-8
7	4-Chloroaniline	612-137-00-9	203-401-0	106-47-8
8	4-Methoxy-m-phenylenediamine	NA	210-406-1	615-05-4
9	4,4'-Methylenedianiline 4,4'-Diaminodiphenylmethane	612-051-00-1	202-974-4	101-77-9
10	3,3'-Dichlorobenzidine 3,3'-Dichlorobiphenyl-4,4'-ylendiamine	612-068-00-4	202-109-0	91-94-1
11	3,3'-Dimethoxybenzidine o-Dianisidine	612-036-00-X	204-355-4	119-90-4
12	3,3'-Dimethylbenzidine 4,4'-Bi-o-toluidine	612-041-00-7	204-358-0	119-93-7
13	4,4'-Methylenedi-o-toluidine	612-085-00-7	212-658-8	838-88-0
14	6-Methoxy-m-toluidine p-Cresidine	NA	204-419-1	120-71-8
15	4,4'-Methylene-bis-(2-chloroaniline) 2,2'-Dichloro-4,4'-methylenedianiline	612-078-00-9	202-918-9	101-14-4
16	4,4'-Oxydianiline	NA	202-977-0	101-80-4
17	4,4'-Thiodianiline	NA	205-307-9	139-65-1
18	o-Toluidine 2-Aminotoluene	612-091-00-X	202-429-0	95-53-4
19	4-Methyl-m-phenylenediamine	612-099-00-3	202-453-1	95-80-7
20	2,4,5-Trimethylaniline	NA	205-282-0	137-17-7
21	o-Anisidine 2-Methoxyaniline	612-035-00-4	201-963-1	90-04-0
22	4-Aminoazobenzene	611-008-00-4	200-453-6	60-09-3

10.5.5 **PAH** (polycyclic aromatic hydrocarbons, as of 1st July 2015)

Parameter EU	Category 1	Category 2		Category 3	
<p>GERMAN PRODUCT SAFETY COMMISSION (AFPS)</p> <p>TESTING AND ASSESSMENT OF POLYCYCLIC AROMATIC HYDROCARBONS (PAHS)</p> <p>IN THE AWARD OF GS MARKS – SPECIFICATION PURSUANT TO ARTICLE 21(1) NO. 3 OF THE PRODUCT SAFETY ACT (PRODSG) AFPS GS 2019:01 PAK, APRIL 10, 2020</p>	<p>Materials intended to be placed in the mouth, or materials coming into long-term contact with skin (> 30 seconds) during intended use:</p>	<p>Materials not covered by Category 1, coming into long-term contact (> 30 seconds) or short-term repetitive contact*** with skin during intended or foreseeable use</p>		<p>Materials not covered by Category 1 or 2, coming into short-term contact (≤ 30 seconds) with skin during intended or foreseeable use</p>	
	<p>In toys (Directive 2009/48/EC) or For use by children*, ** up to 3 years of age (mg/kg)</p>	<p>2a Used by children under 14 (mg/g)</p>	<p>2b Other consumer products (mg/kg)</p>	<p>3a Used by children under 14 (mg/kg)</p>	<p>3b Other consumer products (mg/kg)</p>
Benzo[a]pyrene	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[e]pyrene					
Benzo[a]anthracene					
Benzo[b]fluoranthene					
Benzo[j]fluoranthene					
Benzo[k]fluoranthene					
Chrysene					
Dibenzo[a,h]anthracene					
Benzo[g,h,i]perylene					
Indeno[1,2,3-cd]pyrene					
Anthracene, fluoranthene, phenanthrene, pyrene	< 1 (sum)	< 5 (sum)	< 10 (sum)	< 20 (sum)	< 50 (sum)
Naphthalene	< 1	< 2		< 10	
Sum 15 PAH (mg/kg)	< 1	< 5	< 10	< 20	< 50

10.5.6 Radioactivity

Radioactivity						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
1	Nuclides	/	/	SR 814.501 Radiological Protection Ordinance (RPO)	no radioactive nuclides	-

10.5.7 Hygiene

2.4.1.7 Hygiene						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
1	Risk of infection, sickness or contamination	2009/48/EC Toy Safety Directive	miscellaneous	SR 817.023.41	<p>< 36 months: A toy must be produced in such a way that it can be cleaned.</p> <p>Large amounts of bacteria may not form on the toy.</p>	Only two requirements in Switzerland, multiple in EU

10.5.8 Mechanical requirements

2.42 Mechanical requirements						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
1	Mechanical properties	Toy Safety Directive 2009/48/EC	miscellaneous	SR 817.023.11 (Toy Safety Ordinance, VSS)	Harmonised with EU	-

Physical requirements for toys

10.5.9 General physical requirements

General physical requirements						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
1	General physical requirements	2009/48/EC Toy Safety Directive	Overview of parameters and limits of EN71-1	SR 817.023.11 (Toy Safety Ordinance, VSS)	Overview of parameters and limits of SN EN71-1	-
2	Minimum tensile force/tensile strength Tensile test for all plush articles at all times pursuant to EN71-1 according to reference value children aged from 0	EN71-1	<ul style="list-style-type: none"> - For soft-filled toys, the seams must not tear below 70 N and release the filling. - When parts contained inside are < 6mm, the tensile force must withstand 50 N - Everything of > 6mm must withstand a tensile force of 90 N 	-	-	Applies to all plush articles, even those that are not sold as toys (key rings, decorative items made with plush, etc.)

10.5.10 Requirements for textiles and plush

Requirements for textiles and plush						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
1	Colour fastness against sweat and saliva for toys	§30 LFGB (recommendation only, not regulated by law)	Colour fastness (pursuant to DIN EN 53160-1, 2) Colour fastness level 5	/	/	Manor requirement: In compliance with EU directive
2	Colour fastness against sweat and saliva for clothing	ISO 105/E04	For children up to 3 years: Colour fastness level 5 For children older than 3 years: Colour fastness level 4	/	/	Manor requirement: In compliance with EU directive
3	UV protection (when advertised)	ISO 105/B02	4	/	/	-
4	Colour fastness to washing	ISO 105/C08	4	/	/	-

10.5.11 Physical requirements for children's costumes

10.5.11.1 Cords and drawstrings for children's clothing

(SN EN 14682:2015) Safety of children's clothing – Cords and drawstrings on children's clothing up to the age of 14, clothing sizes 92-164 (German)

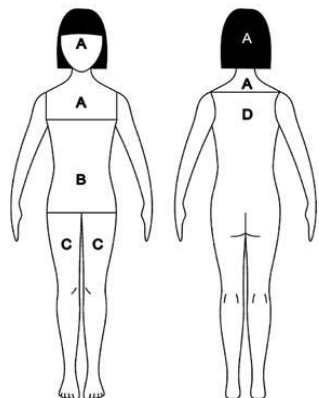
Cords and drawstrings on clothing for children up to the age of 14 must be designed in such a way that they minimise as much as possible the risk of catching, strangulation or injury.

Distinctions are to be made between the various body regions, the age of the child and purpose. The requirements vary according to these.

The length and shape of all 'cords, bows, decorations, belts, etc.' on articles of clothing are to be inspected before production pursuant to the requirements of SN EN 14682:2015!

An overview of the various body regions:

Alter	Körpergröße in cm	Kleidergröße (DE)
2 Jahre	87 - 92	92
3 Jahre	93 - 98	98
4 Jahre	99 - 104	104
5 Jahre	105 - 110	110
6 Jahre	111 - 116	116
7 Jahre	117 - 122	122
8 Jahre	123 - 128	128
9 Jahre	129 - 134	134
10 Jahre	135 - 140	140
11 Jahre	141 - 146	146
12 Jahre	147 - 152	152
13 Jahre	153 - 158	158
14 Jahre	159 - 164	164



Legende
A Kopf-, Hals- und oberer Brustbereich
B Brust- und Taillenbereich
C Beinbereich
D Rückseite

Bild 1 — Körperbereiche

10.5.11.2 Fastening safety

Small parts (buttons, appliqués, etc.) must have the following minimum pull-off force:

- **Parts ≥ 6 mm:** 70N
- **Parts ≥ 2 mm but < 6 mm:** 50N
- **Parts < 2 mm:** negligible changes during test procedures of washing and drying process
Not for fastening (incl. sequins, pearls): negligible changes during test procedures of washing and drying process; each sequin should be kept flat with min. 3 stitches. (Recommendation DIN CEN/TR 16792)

•

Braces/belts must have the following tensile strength: 90N (EN 71-1:2014 pg. 8.4: for 10 sec 90N)

10.5.12 Flammability and combustibility of toys and costumes

Flammability and combustibility of toys and costumes						
No.	Category /parameter	EU standard	EU limit	Swiss standard	Swiss limit	Manor comments
1	Toys worn on the head: beards, moustaches, wigs, etc. made of hair, hair-like material or material with similar properties that protrude 55 mm or more from the surface of the toy	EN 71-2: 2020	Max. combustion period 2 s Max. burnt down length 50% / 75% of the original length if this is ≥ 150 mm / < 150 mm	817.023.11 (VSS) Ordinance for toy security	Max. combustion period 2 s Max. burnt down length 50% / 75% of the original length if this was ≥ 150 mm / < 150 mm	-
2	Toys to be worn on the head: beards, moustaches, wigs etc. made of hair, hair-like material or material with similar properties that protrude less than 55 mm from the surface of the toy	EN 71-2: 2020	Max. combustion period 2 s Max. burnt down distance 70 mm	817.023.11	Max. combustion period 2 s Max. burnt down distance 70 mm	-
3	Full or partial masks made of moulded material	EN 71-2:2020	Max. combustion period 2 s Max. burnt down distance 70 mm	817.023.11	Max. combustion period 2 s Max. burnt down distance 70 mm	-
4	Flowing elements of toys to be worn on the head (excluding those specified in points 1 and 2 of table 2.4.3.3 'Flammability and combustibility of toys and costumes'), hoods, head-dresses, etc. and masks that are not specified in point 3 of table 2.4.3.3. 'Flammability and combustibility of toys and costumes', which partially or fully cover the head, but excluding those parts specified in point 5 of table 2.4.3.3 'Flammability and combustibility of toys and costumes'.	EN 71-2:2020	Max. flame propagation speed < 10 mm/s	817.023.11 EN 71-2:2020	Max. flame propagation speed < 10 mm/s	-

Flammability and combustibility of toys and costumes						
No.	Category /parameter	EU standard	EU limit	Swiss standard	Swiss limit	Manor comments
5	Costumes with attached headpiece	EN 71-2:2020	Max. flame propagation speed <10 mm/s	817.023.11 EN 71-2:2020	Max. flame propagation speed <10 mm/s	-
6	Costumes without attached headpiece	EN 71-2:2020	Max. flame propagation speed < 30 mm/s For 10mm/s to 30mm/s flame propagation speed, an additional warning is mandatory: 'Warning. Keep away from fire.' (in three official languages)	817.023.11 EN 71-2:2020	Max. flame propagation speed < 30 mm/s For 10mm/s to 30mm/s flame propagation speed, an additional warning is mandatory: 'Warning. Keep away from fire.' (in 3 official languages of Switzerland)	-
7	Toy disguise costumes and toys intended to be worn by a child in play	EN 71-2:2020	Max. flame propagation speed < 30 mm/s For 10mm/s to 30mm/s flame propagation speed, an additional warning is mandatory: 'Warning. Keep away from fire.' (in three official languages)	817.023.11 EN 71-2:2020	Max. flame propagation speed < 30 mm/s For 10mm/s to 30mm/s flame propagation speed, an additional warning is mandatory: "Warning. Keep away from fire." (in 3 official languages of Switzerland)	-

Flammability and combustibility of toys and costumes						
No.	Category /parameter	EU standard	EU limit	Swiss standard	Swiss limit	Manor comments
8	Toys intended to be entered by a child	EN 71-2:2020	<p>Max. flame propagation speed < 30 mm/s</p> <p>For over 20 mm/s: no burning fragments or melting drops may occur</p> <p>For 10mm/s to 30mm/s flame propagation speed, an additional warning is mandatory:</p> <p>"Warning. Keep away from fire."</p> <p>(in 3 official languages of Switzerland)</p>	<p>817.023.11</p> <p>EN 71-2: 2020</p>	<p>Max. flame propagation speed < 30 mm/s</p> <p>For over 20 mm/s: no burning fragments or melting drops may occur</p> <p>For 10mm/s to 30mm/s flame propagation speed, an additional warning is mandatory:</p> <p>"Warning. Keep away from fire."</p> <p>(in 3 official languages of Switzerland)</p>	-
9	Soft-filled toys	EN 71-2:2020	<p>Max. flame propagation speed < 30 mm/s</p>	<p>817.023.11</p> <p>EN 71-2: 2020</p>	<p>Max. flame propagation speed < 30 mm/s</p>	-






10.5.13 Requirements for toy packaging

Packaging						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
1	Heavy metal in packaging (Cd, Pb, Hg, Cr)	94/62/EC	100 mg/kg (total)	SR 814.81 (Chemical Risk Reduction Ordinance, ORRChem)	100 mg/kg (total)	No difference between Switzerland and EU
2	Dimethyl phthalate	EC 1907 / 2007 (testing method GC-MS following extraction)	≤ 1,000 mg/kg	SR 814.81 (ORRChem) Annex 2.4, section 2.2	Prohibited = 0.1 mg/kg	-

10.5.14 Requirements for wooden toys



Requirements for wooden toys (mg/kg in dry matter)						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
1	Dimethylfumarate	ChemVerbotsV	Prohibited = 0.1 mg/kg	SR 814.81 (ORRChem); Annex 2.4; section 2.2	Prohibited = 0.1 mg/kg	-
2	Pentachlorophenol (PCP, CAS 87-86-5)	ChemVerbotsV	5 mg/kg per substance	SR 814.81 (ORRChem) Annex 1.2, section 3 a-e	5 mg/kg per substance (for wooden objects)	-
3	Wood preservatives 1. Arsenic or arsenic compounds 2. Tar oils a. creosote (CAS. 8001-58-9) b. creosote oil (CAS. 61789-28-4) c. distillates (coal tar), naphthalene oils (CAS 84650-04-4) d. creosote oil, acenaphthene fraction (CAS 90640-84-9) e. distillates (coal tar), upper (CAS 65996-91-0) f. anthracene oil (CAS 90640-80-5) g. tar acids, coal, crude (CAS 65996-85-2) h. creosote, wood (CAS 8021-39-4) i. low-temperature tar oil (CAS 122384-78-5)	§ 30 LFGB	Ban on use Treated wood may not be placed on the market	SR 814.81 (ORRChem) Annex 2.4	Ban on use Treated wood may not be placed on the market	-

10.5.15 Additional requirements for electrical and electronic toys

Additional requirements for electrical and electronic toys						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
1	Battery testing (Cd, Pb, Hg)	German Batteries Act, 2006/66/EC	0.0005% Hg	SR 814.81 (Chemical Risk Reduction Ordinance, ORRChem)	0.0005% Hg	No difference between Switzerland and EU
			0.002% Cd		0.002% Cd	
			0.004% Pb		0.004% Pb	
			If limit is exceeded: Labelling required acc. to 2006/66/EC, Art. 21		If limit is exceeded: - Labelling required according to ORRChem, Annex 2.15, 4.1	
2	Collection & disposal of batteries	German Batteries Act, 2006/66/EC	All batteries and accumulators, irrespective of chemical composition, size or design: the symbol for 'separate collection' for all batteries and accumulators is: 	SR 814.600 (Ordinance on Waste, VVEA)	100% harmonised with EU in the Ordinance on Waste 	-
3	Special labelling	Regulation (EC) No 765/2008		SR 734.5 OEMC Art. 13	 or 	-

Additional requirements for electrical and electronic toys						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
4	General electric toy safety	SN EN 62115:2005 Amendment A2:2011 and revision AC:2011	Various requirements are listed in the standard.	SR 817.023.11 EN 62115:2005 Amendment A2:2011 and revision AC:2011	Various requirements are listed in the standard.	No difference between CH and EU
		Amendment A11:2012 and revision AC:2013		Amendment A11:2012 and revision AC:2013		
		Amendment A12:2015		Amendment A12:2015		
		Electrical toys – safety		Electrical toys – safety		
5	EMC: remote control	Directive 2014/30/EU RED-EN 60825		SR 817.023.11	100% harmonised with EU	-
6	Safety of lamps and lamp systems (e.g. LED)	Directive 2006/25/EC	Must correspond to the statutory provisions	Not mentioned	Not mentioned	-

Additional requirements for electrical and electronic toys						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
7	Electromagnetic compatibility (EMC)	Directive 2014/30/EU	1) For devices with batteries (B/O): EN 55014-1 A1&A2: Radio disturbances EN 55014-2 A1 &A2: EMC	SR 817.023.11 Toy Safety Ordinance	100% harmonised with EU	-
			2) For electrical AC electric grid products: EN 55014-1 A1&A2: Default tests, clamping voltage tests EN 55014-2 A1&A2: - EMC - High-frequency electromagnetic fields Tests - fast transient test - overvoltage test - electricity test - voltage dips and interruptions - harmonic vibration test - voltage fluctuation test			

Additional requirements for electrical and electronic toys						
No.	Parameters	EU directive	Limit	Switzerland	Limit	Manor comments
8	Toys that are to be connected to a public telecommunication network in the EU	Directive on the provision of radio equipment (RED) 2014/53/EU	For remote control with batterie: 1) Frequency 13.56MHz : EN 300 330-2, EN 301 489-3, EN 62479 2) Frequency 27/40/49MHz : EN 301 489-3/ EN 300 220-2 V2.4.1, EN 62479 3) With the frequency 2.4GHz , less than 10mW: EN 300 440-2 EN 301 489-3 EN 62479	SR 817.023.11 (Toy Safety Ordinance, VSS)	100% harmonised with EU	-
9	Hazardous substances	RoHS2, Directive 2011/65/EU; from 22.07.2019: Directive 2015/863/EC	All toys with an electrical or electronic function: Extent of the restriction of the use of certain hazardous substances Technical documents pursuant to Standard: EN 50581 and Appendix II, module A of Ordinance 768/2008/EC	SR 814.81 (Chemical Risk Reduction Ordinance, ORRChem)	100% harmonised with EU	-
10	Disposal of E&E devices	Directive (WEEE) 2012/19/EU	EN 50419 labelling the following pictogram is to be applied both on the produ and the packaging: 	SR 814.600 (Ordinance on Waste, VVEA)	100% harmonised with EU 	-

10.6 Technical standards for the safety of toys

Standard	Title:
SN EN 71-1+ A1:2018	Safety of toys – Part 1: Mechanical and physical properties
SN EN 71-2:2021	Safety of toys - Part 2: Flammability
DIN EN 71-3:2021	Safety of toys - Part 3: Migration of certain elements
SN EN 71-4: 2021	Safety of toys - Part 4: Experimental sets for chemistry and related activities
SN EN 71-5: 2016	Safety of toys - Part 5: Chemical toys (sets) other than experimental sets
SN EN 71-7+ A3:2020	Safety of toys - Part 7: Finger paints – requirements and test methods
SN EN 71-8:2018	Safety of toys - Part 8: Swings, slides and similar activity toys for indoor and outdoor domestic use
SN EN 71-12:2017	Safety of toys - Part 12: N-Nitrosamines and N-nitrosable substances
SN EN 71-13:2021	Safety of toys - Part 13: Board games for the sense of smell, cosmetic bags and games for the sense of taste
SN EN 71-14:2019	Safety of toys - Part 14: Trampolines for domestic use
SN EN IEC 62115:2020	Electrical toys – safety
SN EN 14682:2015	Safety of children’s clothing – Cords and drawstrings on children’s clothing – Specifications
SR 734.26	Ordinance on Electrical Low-Voltage Products (NEV)
SR 734.5	Ordinance on Electromagnetic Compatibility (OEMC)
SR 817.023.11	Toy Safety Ordinance (VSS)
SR 814.81	Chemical Risk Reduction Ordinance (ORRChem)
SR 817.023.41	Ordinance of the EDI on items for mucosal skin, skin and hair contact, plus candles, matches, lighters and practical joke devices
SR 814.600	Ordinance on Waste
SR 814.501	Radiological Protection Ordinance
REACH Regulation (EC) 1907/2006	REACH SVHC candidates list
AfPS/GS PAHs	PAH agents (pursuant to REACH and GS)

11 Jewellery, costume jewellery and hardline accessories

11.1 Jewellery and watches

11.1.1 Term and scope

scope:

1. Costume jewellery: Earrings, necklaces, bracelets, foot and finger rings, metal beads, hair accessories, piercings, brooches
2. Accessories: Belt buckles, eyeglass frames, studs and buttons, zippers, clips and metal markings, cufflinks
3. Watchcases, watchstraps and clasps therefo
4. Jewellery made of precious metals

Labelling according SR 930.11 federal law on product safety (PrSG)

- Manufacturer details/ distributors:
- Name, address
- Product identification details
- Warnings and safety information
- Operating instruction

Additional labelling for precious metals according to SR 941.311

(control regulation on precious metals, EMKV)

- **Precious metals:** statement of the legal purity in thousandth, in Arabic numerals
- The fineness mark must be visible, legible and undeletable (minimum height 0,5 mm)
- Additional designations allowed: Karat indication for gold alloys, «Sterling» for silvergoods 0,925
- **Platin- and Palladium** – must be complemented with the complete designation or with «Pt» or «Pd».
- Fully **gilt or gold plated silvergoods** must be declared **as silver** bezeichnet werden
- **Assembled goods:** fineness marks must be placed on each precious metal
- **For multi metal goods:** The parts made of precious metals and the parts of non-precious metals must be designated separately:
 - a. with a fineness mark and a responsibility mark on the precious metal parts;
 - b. with the designation of the type of the metal or the word "metal" on the parts of the non-precious metal
- **Plaqué goods:** with the word «Plaqué», accompanied by the designation of the fabrication type, whereby «L» stands for «laminé» (rolled-on), «G» für «galvanic»; and with a *responsibility mark*.

- **Gold plated watch cases** and additional parts can be described furthermore as follows:
 - a. with two letters, which describe the plating type:
 1. «GR» for roll cladding,
 2. «GP» for all other types of Plaqué,
 3. «GC» for «coiffe-or»;
 - b. with numerals, which designate the thickness of the plating in micrometer; and
 - c. with a *responsibility mark*.

Terms & responsibility for precious metals according to SR 941.311:

1. With the affixation of the responsibility mark the **mark owner** will be responsible for the correctness of the designations affixed on the items.
2. The right to the mark is given rise with the registration in the federal office's register
3. Each registered responsibility mark will be published in the Swiss Commercial Gazette.
4. **Watch cases made of precious metal** are not to be placed on the market until they are **officially certified and stamped**.
5. Goods made of precious metal, multi-metal goods, Plaqué-goods and substitute goods **manufactured abroad** only are to be placed on the market when complying with the legal regulations. (reservation SR 941.311 Art. 126, §3.)

11.1.2 Manor's quality standard / Jewellery

Stamping

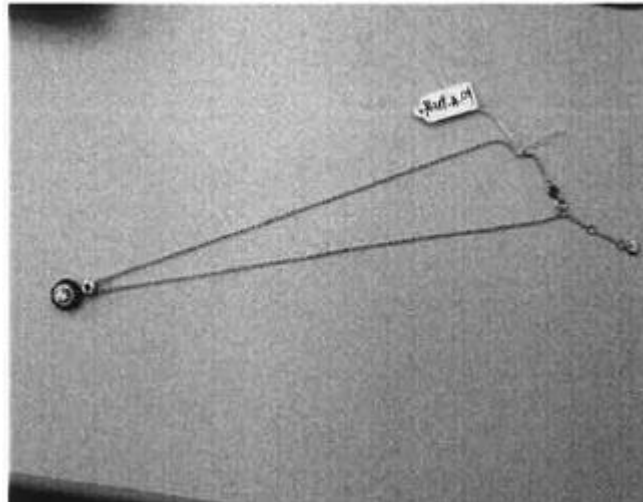
1. Rhodium item: MAN925 (Arial front)
2. Rose Gold & Gold plated item: MAN925Ag (Arial front)
3. Place for sampling:
 - 3.1 On every items
 - 3.2 Bracelets with charms must have stamping on charm as well as on bracelet tag or clasp
 - 3.3 Additional stamping will be advise for special project

Plating

Rhodium plating thickness is only use flash
Rose gold & gold plating 1 Micron (average)

Necklace

1. Total length 45cm with 4 extension loops at length 38/40/42/45



2. Necklace and bracelet must have oval tags
Size is: oval 8*4mm / thickness 0.7mm



With the logo on one side and other side with either MAN 925 or MAN925Ag

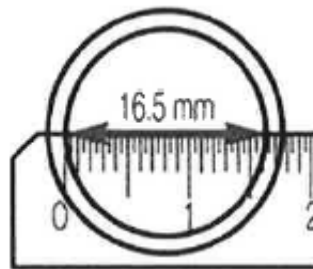
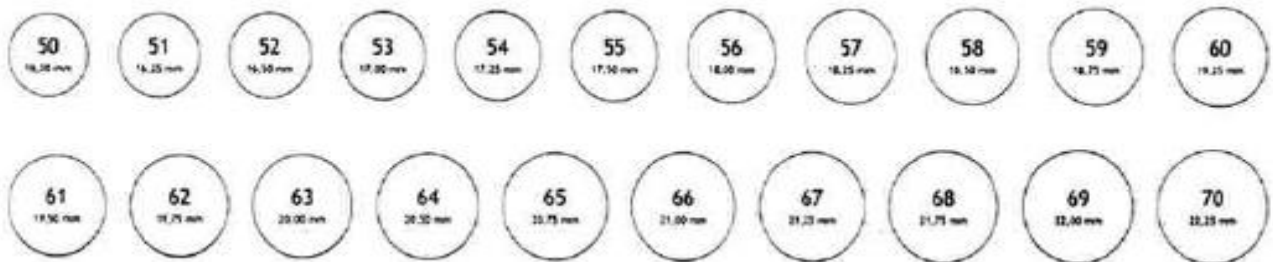
Bracelet

1. Length 19cm with 3 hoops extension at 13/15/17/19cm



2. All must have oval tag hang at the end of chain
3. If bracelet contain any charms, all charms must have MAN 925 or MAN925Ag

1. Using German ring size and measure inside of the ring



2. Ring size tolerance +/- 5% of the total size

Earrings

Must have stamp 925 on post and MAN 925 or MAN925Ag on butterfly or at the back of earring if have space.

Beads

Must have stamping on both side. For wording for each beads will be instructed for each other.



11.1.3 Requirements for Jewellery

Requirements									
No	Parameter	Items	Material	EU Directive	Test method	Limit	Switzerland	Limit	Manor
1. Prohibited and restricted agents									
1	lead	Varnish and paints	plastic, metal, glass or on other base material	EU REACH Annex XVII Entry 63 (Lead)	DIN EN ISO 11885, ICP-OES	500 mg/kg	SR 814.81 (ChemRRV)	100 mg/kg	
2	cadmium			EU REACH Annex XVII Entry 23 (Cadmium)	DIN EN ISO 11885, ICP-OES	100 mg/kg		100 mg/kg	
3	Nickel release	Earrings, necklaces, bracelets, foot and finger rings, metal beads, hair accessories, piercings, brooches, belt buckles, eyeglass frames, studs and buttons, zippers, clips and metal markings (for clothing), cufflinks, watchcases, watchstraps and clasps therefor	metal	EU REACH Annex XVII Entry 27	SN EN 1811:2011 AC:2012 SN EN 12472:2005 + A1:2009 SN EN 16128:2011	0.5 µg/cm ² /week	SR 817.023.41 Art. 2, parae 1 & 2	0,5 mg/cm ² /Woche	
		Firstling's posts, other posts & clasps	metal		0.2 µg/cm ² /week	0,2 mg/cm ² /Woche			
4	lead	Metal beads and others for custome jewellery Metal parts for jewellery and fantasy jewellery, hair accessories, bracelets, necklaces, rings, piercings, watches, brooches and cufflinks	plastic, glass, PU	EU REACH Annex XVII Entry 63 (Lead);	DIN EN ISO 11885, ICP-OES	0.05% (500 mg/kg)	SR 817.023.41 (EDI)	plastic: 100 mg/kg	
			metal		DIN EN ISO 11885, ICP-OES	500 mg/kg		SR 817.023.41 (EDI)	metal: 500 mg/kg
5	cadmium	Exempt:watches, parts without skin contact	plastic, PU	EU REACH Annex XVII Entry 23 (Cadmium)	EN 1122	100 mg/kg	SR 814.81 Annex 2.9	plastic: 100 mg/kg	
			metal		DIN EN ISO 11885, ICP-OES	100 mg/kg		SR 817.023.41 (EDI)	metal: 100 mg/kg
6	Phthalates (DEHP, DBP, BBP, DIDP, DNOP, DINP) see chapter 3.2.2	All objects with contact to the human body	(paint/plastic, PVC etc..)	(EU) 2019/1021	EN ISO 14389:2014	Permissible limit is 0.15%	SR 814.81 (ChemRRV) prohibited since 21.02.2015	Ban on use	

Requirements									
No	Parameter	Items	Material	EU Directive	Test method	Limit	Switzerland	Limit	Manor
7	PAH (REACH) see chapter 3.2.2	Watchstraps, bracelets Benzo[a]pyrene (CAS-Nr. 50-32-8) Benzo[e]pyrene (CAS-Nr. 192-97-2) Benzo[a]anthracene (CAS-Nr. 56-55-3) Chrysene (CAS-Nr. 218-01-9) Benzo[b]fluoranthene (CAS-Nr. 205-99-2) Benzo[j]fluoranthene (CAS-Nr. 205-82-3) Benzo[k]fluoranthene (CAS-Nr. 207-08-9) Dibenzo[a,h]anthracene (CAS-Nr. 53-70-3)	Plastic, PVC	EU REACH Annex XVII Entry 50	AfPS GS 2019:01 PAK	Permissible limit as 1 mg/kg each (of 8 PAHs)	SR 814.81 Annex 2.9, 2, d, No 2 (ChemRRV)	Each < 1 mg/kg sum < 10mg/kg	
8	Azo-Dyes	Bracelets, watchstraps	Textile/ leather	EU REACH Annex XVII Entry 43	Textile: EN ISO 14362-1/- 3:2017; Leather: EN ISO 17234- 1:2015 / EN ISO 17234- 2:2011	< 30 mg/kg	817.023.41 annex 7	< 30 mg/kg	
9	Chrome VI	Leather products	Leather	EU REACH Annex XVII Entry 43	DIN EN ISO 17075	< 3 mg/kg	SR 814.81 annex 2.16 (ORR)	< 3 mg/kg	
10	Pentachlorophenol (PCP) Tetrachlorophenol (TeCP)	Textile,-/Leather products	Textil/ Leder	(EU) 2019/1021	ASE- oder KOH extraction, determination § 64LFGB B 82.02- 08(mod)	PCB: 5 mg/kg	SR 814.81 Annex 1.2, 3, letter a-e (ORRChem)	Ban on use	
11	Tinorganic compounds	(Inner materials made of plastic and coatings with direct skin contact)	Textile, Plastic, PVC	EU REACH Annex XVII Entry 20	GC/MS analysis, EN ISO 17353	TBT, TPhT: 0,05 mg/kg DBT, DOT, MBT: 1 mg/kg	SR 817.023.41 (EDI)	Tin from dioctyltin- compounds < 0,1%	
12	Formaldehyde	Textile,-/leather products	Textile/ Leather	EU REACH Annex XVII Entry 72	§ 64 LFGB B 82.02- 1 DIN EN ISO 14184-1 DIN EN ISO 17226-1	Permissible limit as 75 mg/kg (prolonged skin contact textiles)	/	Subject to labelling if > 1500 mg/kg/	

Requirements									
No	Parameter	Items	Material	EU Directive	Test method	Limit	Switzerland	Limit	Manor
13	Dimethylfumarate (CAS-Nr. 624-49-7)	Textile,-/leather products	Textile/ leather	EU REACH Annex XVII Entry 61	(GC MS after extraction	0,1mg/kg	SR 814.81 (ORRChem)	0,1mg/kg	
14	Per- and polyfluorated compounds (PFCs)	Coated material	Textile/ leather	(EU) 2019/1021		PFOS < 1µg/m²	SR 814.81 Annex 1.16, 2b	PFOS < 1 µg/m²	
2. Physical properties watchstraps (internal quality requirements)									
15	Colour fastness to washing	Watchstraps, textile-/ leather products	Textile/ leather	EN ISO 105-C06		3-4	/	/	
16	Colour fastness to rubbing			EN ISO 105-X12		dry: 3-4 wet 3	/	/	
17	Colour fastness to light			EN ISO 105-B02		3-4	/	/	
18	Colour fastness to sweat			EN ISO 105-E04		3-4	/	/	
19	Colour fastness to saliva			LMBG B 82.10-1	EN2105-A03	„fast“	/	/	
3. wood materials (dry substance)									
20	Arsenic (As)	Wood materials	wood	/	/		SR 814.81 Annex 2.17, para.2 (ORRChem)	25 mg/kg	
21	Lead (Pb)							90 mg/kg	
22	Cadmium (Cd)							50 mg/kg	
23	Mercury (Hg)							25 mg/kg	
24	Benzo[a]pyrene (CAS-Nr. 50-32-8)							0,5 mg/kg	
25	Pentachlorophenol PCP(CAS-Nr. 87-86-5)	5 mg/kg							
4. Packaging									
26	Heavy metals in packaging (Cd, Pb, Hg, Cr)	packaging	all	94/62/EG		100 mg/kg (sum)	SR 814.81	100 mg/kg (sum)	

11.2 Glasses

11.2.1 Scope of application and labelling

11.2.1.1 Scope of application

Sunglasses, sports glasses, optical glasses, fashion eyewear (also for children)

11.2.1.2 Labelling pursuant to the Product Safety Act (PrSG)

- Manufacturer's information/distributor: Name, address
- Product identification information
- Warning and safety instructions
- Operating instructions
- Min. one language (German/Italian/French)
- Care and cleaning instructions
- Filter category information pursuant to:
 - o DIN EN ISO 12312 (CAT 0, 1, 2, 3 or 4)
- CE labelling for EU: CE labelling information pursuant to EU/2017/745:
 - o Sunglasses
 - o ski goggles
 - o personal protective equipment
 - o optical glasses– medical products;



Position:

On the frames: the CE labelling and a model/article number

On the packaging or on a package insert: additional information, warnings, care instructions

11.2.1.3 Warnings (pursuant to (EU) 2016/425 and DIN EN ISO 12312):

11.2.1.3.1 For sunglasses

'Do not look directly at the sun'

If the sunglasses lenses are category 4: Warning

'Not suitable for driving and road use'



Figure 1 – Symbol 'not suitable for driving and road use'

Under EN ISO 12312-1, warning of Sunglasses shall include

- Not for direct observation of sun;
- Not for protection against artificial light sources, e.g. solarium;
- Not for use as eye protection against mechanical impact hazards

For sunglasses with luminous transmittance of less than 75% and higher than 8%, warning:

**"Not suitable for driving in twilight or at night" or
"Not suitable for driving at night or under condition of dull light" shall be provided.**

For Category 4 sunglasses, warning:

"Not suitable for driving and road use" shall be provided.

11.2.1.3.2 - For optical glasses:

- Information on the strength or information that the article is not to be used in traffic (in the local language), according to symbol
- 'Not for protection against artificial light sources; e.g. in a solarium'
- 'Not for use as protective eyewear against mechanically influenced hazards'

11.2.1.4 Product requirements

- For sunglasses: must comply with DIN EN ISO 12312-1: 2015-12 Eye and face protection – Sunglasses and related eyewear – Part 1: Sunglasses for general use'
- For reading glasses: must comply with DIN EN 14139:2010. Corrective glasses – requirements for ready-made glasses

11.2.1.5 Filter category pursuant to DIN EN ISO 12312

Filter category	Light transmission	Description	Use
0	80% to 100%	Lightly tinted sunglasses	Very limited absorption of the sunrays
1	43% to 80%	Lightly tinted sunglasses	Limited protection against solar radiation
2	18% to 43%	Sunglasses for general use	Good protection against solar radiation
3	8% to 18%	Sunglasses for general use	High protection against solar radiation
4	3% to 8%	Very dark sunglasses (special use)	Very high protection against extreme solar radiation (e.g. at sea, in mountains or in desert)

11.2.2 Requirements for Glasses

Requirements						
No.	Parameters	EU directive	Testing method	Limit	Switzerland	Limit
1. Prohibited and restricted substances						
1	Dimethyl fumarate	EU REACH Annex XVII Entry 61	GC-MS after extraction	Prohibited = 0.1 mg/kg	SR 814.81 Annex 2.4, section 2	Prohibited = 0.1 mg/kg
2	Materials on the ECHA candidate list and REACH Ordinance	REACH Ordinance (1907/2006) Annex XIV	In-house method, GC-MS/LC-MS analysis	must not be present in the product	SR 814.81	Ban on use
3	Nickel release (for metal with direct skin contact)	EU REACH Annex XVII Entry 27	EN 1811	0.5 µg/cm ² *week	SR 817.023.41 Art. 2, paras. 1, 2	0.5 µg/cm ² *week
4	Cadmium, total content	EU REACH Annex XVII Entry 23	EN 1122	100 mg/kg	SR 814.81 Annex 2.9	Plastic: 100 mg/kg
					SR 817.023.41 Art. 2; 2a	Metal: 100 mg/kg
5	Lead, total amount	EU REACH Annex XVII Entry 63	In-House method	Permissible limit as 0.05% (500 mg/kg)	SR 817.023.41)	Plastic: 100 mg/kg
					SR 817.023.41 Art. 2; 2b	Metal: 500 mg/kg
6	Lead in varnish and paints	EU REACH Annex XVII Entry 63	CPSC-CH-E1003-09.1	Permissible limit as 0.05% (500 mg/kg)	SR 814.81 Annex 2.8; point 2	Plastic: 100 mg/kg
7	Cadmium in varnish and paints	EU REACH Annex XVII Entry 23	EN 1122	100 mg/kg	SR 814.81 Annex 2.8; point 2	Plastic: 100 mg/kg
8	Organotin compounds (plastic inner materials and coatings with direct skin contact)	EU REACH Annex XVII Entry 20	GC/MS analysis, EN ISO 17353	TBT, DBT, DOT each ≤ 0.1% (expressed as tin) /	SR 814.81 Annex 1.14; Art. 3	TBT, DBT, DOT each ≤ 0.1% (expressed as tin)

Requirements						
No.	Parameters	EU directive	Testing method	Limit	Switzerland	Limit
9	Short-chain chlorinated paraffins C10-13	(EU) 2019/1021	GC-MS or GC-ECD	Permissible limit is 0.15% (article)	SR 814.81 Annex 1.1, section 2 a)	1% mass content
10	Azo dyes (only textile, leather)	EU REACH Annex XVII Entry 43	Textile: EN ISO 14362-1/-3:2017; Leather: EN ISO 17234-1:2015 / EN ISO 17234-2:2011	Per substance 30 mg/kg	SR 817.023.41 , Art. 21	Per substance 30 mg/kg
11	PAH* (REACH) (plastic as main material)	EU REACH Annex XVII Entry 50	AfPS GS 2019:01 PAK	Permissible limit as 1 mg/kg each (of 8 PAHs)	SR 814.81 Annex 2.9, section 2 e	< 1mg/kg
12	Phthalates* – plasticiser for children's sunglasses (plastic)	EU REACH Annex XVII Entry 51	Extraction with org. solvent/GC or LC/MS EN ISO 14389	Individual or Sum of DEHP, BBP, DBP and DIBP – 0.1%	SR 817.023.11 – for children's articles -- SR 814.81 , Annex 1.17 , point 5	DEHP+DBP+BBP < 0.1% = 1,000 mg/kg (total) -- DINP+DIDP+DNOP < 0.1% = 1,000 mg/kg (total)
13	Carcinogenic dyes (synthetic fibres)	§ 30 LFGB	DIN 54231	5 mg/l	SR 817.023.21 (EDI)	Ban on use
2. Packaging						
14	Heavy metals in the packaging (Cd, Pb, Hg, Cr)	94/62/EC	/	100 mg/kg (total)	SR 814.81	100 mg/kg (total)
15	Dimethyl fumarate	EU REACH Annex XVII Entry 61	GC-MS according to extraction	Permissible limit as 0.1 mg/kg	SR 814.81 Annex 2.4, section 2.2	Prohibited = 0,+A1:G221 mg/kg

11.2.2.1 Details on PAH material (according to REACH and GS)

SR 814.81 ORRChem (Chemical Risk Reduction Ordinance), Annex 2.9, e^{bis}, number 2
SR 817.023.41 (Ordinance on items for human contact), Art. 14c

AfPS (German commission for Product Safety): GS PAHs requirement

Parameter EU	Category 1	Category 2		Category 3						
	In toys (Directive 2009/48/EC) or For use by children*, ** up to 3 years of age (mg/kg)	2a Used by children under 14 (mg/g)	2b Other consumer products (mg/kg)	3a Used by children under 14 (mg/kg)	3b Other consumer products (mg/kg)					
GERMAN PRODUCT SAFETY COMMISSION (AFPS) TESTING AND ASSESSMENT OF POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) IN THE AWARD OF GS MARKS – SPECIFICATION PURSUANT TO ARTICLE 21(1) NO. 3 OF THE PRODUCT SAFETY ACT (PRODSG) AFPS GS 2019:01 PAK, APRIL 10, 2020	Materials intended to be placed in the mouth, or materials coming into long-term contact with skin (> 30 seconds) during intended use:	Materials not covered by Category 1, coming into long-term contact (> 30 seconds) or short-term repetitive contact*** with skin during intended or foreseeable use		Materials not covered by Category 1 or 2, coming into short-term contact (≤ 30 seconds) with skin during intended or foreseeable use						
	Benzo[a]pyrene	< 0.2	< 0.2	< 0.5	< 0.5					
	Benzo[e]pyrene									
	Benzo[a]anthracene									
	Benzo[b]fluoranthene									
	Benzo[j]fluoranthene									
	Benzo[k]fluoranthene									
	Chrysene									
	Dibenzo[a,h]anthracene									
	Benzo[g,h,i]perylene									
	Indeno[1,2,3-cd]pyrene									
	Anthracene, fluoranthene, phenanthrene, pyrene					< 1(sum)	< 5(sum)	< 10(sum)	< 20(sum)	< 50(sum)
	Naphthalene					< 1	< 2		< 10	
	Sum 15 PAH (mg/kg)					< 1	< 5	< 10	< 20	< 50

*'Child' is legally defined as a person under 14 years of age

**Use by children includes both active and passive direct contact by children

***Definition of 'short-term repetitive contact' has the same meaning as amended entry 50 to Annex XVII of REACH (Regulation (EC) 1272/2013)

**** According to Article 2(28) to Chapter 1 of the Product Safety Act (ProdSG), 'foreseeable use' means the use of a product in a manner that is not intended by the person who places it on the market, but is reasonably foreseeable

11.2.2.2 *Phtalates

No.	CAS no.	Substance name
1	84-74-2	Dibutylphthalate (DBP)
2	85-68-7	Benzylbutylphthalate (BBP)
3	117-81-7	Bis(2-ethylhexyl)phthalate (DEHP)
4	28553-12-0	Di-isononylphthalate (DINP)
5	117-84-0	Di-octylphthalate (DNOP)
6	26761-40-0	Di-isodecylphthalate (DIDP)

11.3 Umbrellas

11.3.1 Requirements for Umbrellas

Requirements						
No.	Parameters	EU directive	Testing method	Limit	Switzerland	Limit
1. Chemical requirements						
1	Dimethyl fumarate	EU REACH Annex XVII Entry 61	GC MS after extraction	Prohibited = 0.1 mg/kg	SR 814.81 Annex 2.4, Number 2.2	Prohibited = 0.1 mg/kg
2	Materials on the ECHA candidate list and REACH ordinance	EU REACH (1907/2006) Annex XIV	In-house method, GC-MS/LC-MS analysis	must not be present in the product	SR 814.81	Ban on use
3	Nickel release (for metal with direct skin contact)	EU REACH Annex XVII Entry 27	EN 1811	0.5 µg/cm ² /week	SR 817.023.41 Art. 2, para. 1&2	0.5 µg/cm ² /week
4	Cadmium, total amount	EU REACH Annex XVII Entry 23	EN 1122	100 mg/kg	SR 814.81 Annex 2.9	Plastic: 100 mg/kg
					SR 817.023.41 Art. 2; 2a	Metal: 100 mg/kg
5	Lead, total amount	EU REACH Annex XVII Entry 63	EN 1122 (mod)	Permissible limit as 0.05% (500 mg/kg)	SR 817.023.41	Plastic: 100 mg/kg
					SR 817.023.41 Art. 2; 2b	Metal: 500 mg/kg
6	Lead in varnish and paints	EU REACH Annex XVII Entry 63	CPSC-CH-E1003-09.1	Permissible limit as 0.05% (500 mg/kg)	SR 814.81 Annex 2.8; point 2	Plastic: 100 mg/kg
7	Cadmium in varnish and paints	EU REACH Annex XVII Entry 23	EN 1122	100 mg/kg	SR 814.81 Annex 2.8; point 2	Plastic: 100 mg/kg
8	Organotin compounds (plastic inner materials and coatings with direct skin contact)	EU REACH Annex XVII Entry 20	GC/MS analysis, EN ISO 17353	TBT, DBT, DOT each ≤ 0.1% (expressed as tin) /	SR 814.81 Annex 1.14; Art. 3	TBT, DBT, DOT each ≤ 0.1% (expressed as tin)

Requirements						
No.	Parameters	EU directive	Testing method	Limit	Switzerland	Limit
9	Short-chain chlorinated paraffins C10-13	(EU) 2019/1021	GC-MS or GC-ECD	Permissible limit is 0.15% (article)	SR 814.81 Annex 1.1, Number 2 a)	1% mass content
10	Pentachlorophenol (PCP); Tetrachlorophenol (TeCP)	(EU) 2019/1021	ASE or KOH extraction, provision § 64LFGB B 82.02-08 (mod)	PCB: 5 mg/kg	SR 814.81 Annex 1.2, section 3 a-e	Ban on use 5 mg/kg per substance - for wood objects
11	Perfluorooctanesulfonic acid, perfluorooctanoic acid (PFOS, PFOA)	(EU) 2019/1021	In-house method, LC-MS analysis	Textile/coated material: 1 µg/m ² plastic: 0.1%	SR 814.81 Annex 1.16	< 0.001% of PFOS 1 µg/m ²
12	Flame retardant* only when treated	EU REACH Annex XVII Entry 4 Entry 7 Entry 8	In-house method; GS-MS/GC-NPD/MS/LC-MS analysis	PBB/TRIS/TEPA: Ban on use	SR 814.81 Annex 1.1; 1.2; 1.9 of Art. 3	Tetra/penta/hexa/hept BDE: 10 mg/kg Octa BDE: 1,000 mg/kg TRIS/TEPA: Ban on use
13	Formaldehyde	EU REACH Annex XVII Entry 20	Textiles: ISO 14184-1 Leather: ISO 17226-2 (UV method)	Permissible limit: 75 mg/kg (prolonged skin textiles only)	SR 817.023.41	Subject to labelling if > 1500 mg/kg
14	Azo dyes, see chapter 2.1.4 (only textile, leather)	EU REACH Annex XVII Entry 43	Textile: EN ISO 14362-1/-3:2017; Leather: EN ISO 17234-1:2015 / EN ISO 17234-2:2011	Per substance 30 mg/kg	SR 817.023.41 Art. 21	Per substance 30 mg/kg
15	PAH (REACH) (plastic as main material)	EU REACH Annex XVII Entry 50	AfPS	Permissible limit as 1 mg/kg each (of 8 PAHs)	SR 814.81 Annex 2.9, Number 2e	< 1 mg/kg

Requirements						
No.	Parameters	EU directive	Testing method	Limit	Switzerland	Limit
16	Phthalate plasticiser* (plastic)	EU REACH Annex XVII Entry 51	Extraction with org. Solvent/ GC or LC/MS EN ISO 14389	Individual or Sum of DEHP, BBP, DBP and DIBP – 0.1%	SR 817.023.11 - for children's articles SR 814.81 Annex 1.17, point 5	DEHP+DBP+BBP < 0.1% = 1,000 mg/kg (total) DINP+DIDP+DNOP < 0.1% = 1,000 mg/kg (total)
17	Carcinogenic dyes (synthetic fibres)	§ 30 LFGB	DIN 54231	5 mg/l	SR 817.023.21 (EDI)	Ban on use
2. Physical requirements						
18	Waterproof (textile)	Internal Manor quality requirements	DIN EN ISO-105-E01	Note: 3-4 (bleeding) Note: 4 (colour)	/	/
19	Water-repellent properties	Internal Manor quality requirements	DIN EN 24920	Note 4-5	/	/
20	Corrosion resistance for metal parts	Internal Manor quality requirements	DIN EN ISO 20344 Chapter 5.6.2	resistant	/	/
3. Packaging						
21	Heavy metals in the packaging (Cd, Pb, Hg, Cr)	94/62/EC	/	100 mg/kg (total)	SR 814.81	100 mg/kg (total)
22	Dimethyl fumarate	EU REACH Annex XVII Entry 61	GC-MS according to extraction	Permissible limit as 0.1 mg/kg	SR 814.81 Annex 2.4, Number 2.2	Prohibited = 0.1 mg/kg

12 Decorative items and candles

12.1 Decorative items

12.1.1 General labelling

Information and labelling required by law **may include:** (SR 946.51)

- labelling,
- packaging instructions,
- package insert,
- instructions for use,
- user manuals,
- safety datasheets

Labels must include:

Mandatory (FDHA):

- **Name and address of the manufacturer, importer or seller:**
in a clearly visible location;
in legible and indelible writing;
in at least one of the official languages of Switzerland.
Position: Directly on the product, or if this is not technically possible, on a label / tag.

If necessary: additional information, such as how the product should be used

12.1.2 Special labelling for wood objects

(SR 944.021 Ordinance on the Declaration for Timber and Timber Products)

Applies to the following product groups (944.021.1 Annex 1):

Wooden frames for paintings, photographs, mirrors or similar objects, made of solid wood
Casks, barrels, vats, tubs and other cooperers' products and parts thereof, made of solid wood
Posts and beams made of solid wood

Does not apply to: Packaging; waste; recycling products.

12.1.2.1 Duty to declare the **timber species** (pursuant to SR 944.021) (different to EU)

- Indicate the **trade name of the timber** and the scientific name of the timber; (set down by the EAER (Federal Department of Economic Affairs, Education and Research))
- **Several timber species/genus** may be given
- The indication '**mixed timber**' is permitted for objects made of woodchip or wood fibre;
- In the case of products composed of more than three components made of different timber species, **at least the three species** that make up the largest proportion by mass of the product must be indicated.
- The timber species of a **veneer** must be indicated if it covers the **surface of a product**.

12.1.2.2 Duty to declare the **place of origin of the timber**

(pursuant to SR 944.021) (different to EU)

- The **place of origin of the timber** (the **country** in which the timber was harvested)
- **Several possible countries** of origin may be given
- If more than five countries of origin come into consideration, the smallest geographical area from which the timber originated may be given.
- The indication '**origin unknown**' may be used
- At least the place of origin of the three species that make up the largest proportion by mass of the product must be indicated.
- The place of origin of a **veneer** must be indicated if it covers the **surface of a product**.

12.1.2.3 Position and language of the declaration

- **on the product itself**, in its immediate proximity or on the packaging
- if this is not possible for technical reasons, it may be indicated in some other easily accessible and legible form (shelf, catalogue);
- in **at least one of the official languages** (German, French, Italian)
- for small batches (up to 50 items), the information may be given on a business letterhead.

12.1.3 Chemical requirements

Chemical requirements							
No.	Parameters	EU directive	Testing method	Limit	Materials	Switzerland	Limit
1. Hard plastic							
1	Lead (Pb), total amount	EU REACH Annex XVII Entry 63	DIN EN ISO 11885, ICP-OES	≤ 500 mg/kg (total)	All plastics	SR 817.023.41	≤ 500 mg/kg (total)
2	Cadmium (Cd), total amount	EU REACH Annex XVII Entry 23	DIN EN ISO 11885, ICP-OES	≤ 100 mg/kg	All plastics	SR 817.023.41	≤100 mg/kg
3	Dimethyl fumarate	EU REACH Annex XVII Entry 61	GC-MS according to extraction	Ban on use ≤ 0,1 mg/kg	Articles made of PU, foam plastics	SR 814.81 Annex 2.4, Number 2.2	Prohibited = 0.1 mg/kg
4	Acrylamide	/	/	/	/	SR 814.81 Annex 2.9, f	1,000 mg/kg
5	Polycyclic aromatic hydrocarbons (PAH)	EU REACH Annex XVII Entry 50	AfPS GS 2019:01 PAK	Permissible limit as 1 mg/kg each (of 8 PAHs)	All non-transparent plastics	SR 814.81 Annex 2.9, Number 2e	Adults: each < 1 mg/kg Children: each < 0.2 mg/kg
6	Organotin compounds	EU REACH Annex XVII Entry 20	DIN EN ISO 17353	TBT, DBT, DOT each ≤ 0.1% (expressed as tin)	Coated principal materials, prints, PVC, PU silicone	SR 814.81 Annex 1.14; Art. 3	TBT, DBT, DOT each ≤ 0.1% (expressed as tin)
2. Soft plastic (including rubber and silicone)							
8	Lead (Pb), total amount	EU REACH Annex XVII Entry 63	DIN EN ISO 11885 ICP-OES	Permissible limit is 0.05% (500 mg/kg)	All plastics	≤ 100 mg/kg (total)	SR 817.023.41
9	Cadmium (Cd), total amount	EU REACH Annex XVII Entry 23	EN 1122	≤ 100 mg/kg	All plastics	SR 817.023.41 (EDI)	100 mg/kg

10	PAH (REACH)* Annex I Benzo[a]pyrene (50-32-8) Benzo[e]pyrene (192-97-2) Benzo[a]anthracene (56-55-3) Chrysene (218-01-9) Benzo[b]fluoranthene (205-99-2) Benzo[j]fluoranthene (205-82-3) Benzo[k]fluoranthene (207-08-9) Dibenzo[a,h]anthracene (53-70-3)	AfPS GS 2019:01 PAK	AfPS GS 2019:01 PAK	Permissible limit as 1 mg/kg each (of 8 PAHs)	All non-transparent plastics	SR 814.81 Annex 2.9, section 2 e	Adults: each < 1 mg/kg Children: each < 0.2 mg/kg
11	Phthalate plasticiser* for children's articles (plastic)	EU REACH Annex XVII Entry 51	Extraction with org. solvent/GC or LC/MS EN ISO 14389	Individual or Sum of DEHP, BBP, DBP and DIBP – 0.1%	Soft plastics and silicon	SR 817.023.41; Art. 14	DEHP+DBP+BBP < 0.1% DINP+DIDP+DNOP < 0.1%
12	Ozone-depleting substances	/	/	/	Foam	SR 814.81 Annex 1.4	Ban on use
13	Substances stable in air	/	/	/	Foam	SR 814.81 Annex 1.5	Ban on use
14	Pentachlorophenol (PCP); Tetrachlorophenol (TeCP)	(EU) 2019/1021	ASE or KOH extraction, provision § 64 LFGB B 82.02-08(mod)	5 mg/kg per substance	Foam	SR 814.81 Annex 1.2, Number 3, a-e	Ban on use
15	Short-chain chlorinated paraffins C10-13	(EU) 2019/1021	GC-MS or GC-ECD	Permissible limit is 0.15% (article)	Soft plastics, rubber and silicon	SR 814.81 Annex 1.1, section 2 a)	1% mass content
16	Organotin compounds	EU REACH Annex XVII Entry 20	DIN EN ISO 17353	TBT, DBT, DOT each ≤ 0.1% (expressed as tin) /	Coated principal materials, prints, PVC, PU silicone	SR 814.81 Annex 1.14; Art. 3	TBT, DBT, DOT each ≤ 0.1% (expressed as tin)
17	Methylenediphenyl diisocyanate	/	/	/	Foam plastics	SR 814.81 Annex 2.9; point 4 Max. 0.1% ; if more, must be marked with a label: 'Persons already sensitised to diisocyanates may develop an allergic reaction when using this product. - Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. - This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (type A1 pursuant to standard EN 14387) is used.' Must appear in at least two official languages of Switzerland and be visible, clearly legible and indelible.	

3. Wood (treated and untreated)							
18	Arsenic (As)	EC 1907/2006	DIN EN ISO 11885 ICP-OES	Wood treated with arsenic compounds may not be placed on the market (< 10 mg/kg)	Bamboo	SR 814.81 Annex 2.4	Ban on use treated wood may not be placed on the market
19	Formaldehyde	ChemVerbotsV	DIN EN 717-2 DIN EN 120	≤ 8.0 HCHO/100g panel (perforator method) ≤ 3.5 mg HCHO /hm ² (gas analysis method)	treated and glued wood	/	/
20	Wood preservatives: 1. Arsenic or arsenic compounds 2. Tar oils a. creosote CAS 8001-58-9; b. creosote oil CAS 61789-28-4 c. distillates (coal tar), naphthalene oils CAS. 84650-04-4; d. creosote oil, acenaphthene fraction CAS 90640-84-9 e. distillates (coal tar), upper f. anthracene oil CAS 65996-91-0 g. tar acids, coal, crude CAS 90640-80-5 h. creosote, wood CAS .65996-85-2 i. low-temperature coal CAS 8021-39-4 CAS. 22384-78-.	§ 30 LFGB	GC-MS	treated wood may not be placed on the market	Wood	SR 814.81 Annex 2.4	Ban on use treated wood may not be placed on the market
21	Pentachlorophenol (PCP)	(EU) 2019/1021	GC-ECD or GC-MS	≤ 5 mg/kg	Dependent of product	SR 814.81 Annex 2.17	5 mg/kg per substance – for wood objects
4. Ceramic and glass, enamel							
22	Lead (Pb)	BedGgstV 84/500/EEC Title 21 CFR	EN 1388 7086-1	Category 1: < 25 mm: 0.8 mg/dm ² Category 2: < 25 mm: 4.0 mg/l Category 3: > 3 L: 1.5 mg/l		SR 817.023 Annex 4	Cat1 < 25 mm: 0.8 mg/dm ² Cat2 < 25 mm: 4.0 mg/l Cat3 > 3 L: 1.5 mg/l
23	Cadmium (Cd)			Category 1: < 25 mm: 0.7 mg/dm ² Category 2: < 25 mm: 0.3 mg/l Category 3: > 3 L: 0.1 mg/l			Cat1 < 25 mm: 0.07 mg/dm ² Cat2 < 25 mm: 0.3 mg/l Cat3 > 3 L: 0.1 mg/l

5. Varnish and coatings							
24	Lead (Pb), total amount	EU REACH Annex XVII Entry 63	DIN EN ISO 11885 ICP-OES	≤ 500 mg/kg (total) ≤ 0.05 µg/cm²/h	Varnish and coatings	SR 814.81 Annex 2.8	Plastic: 100 mg/kg
25	Cadmium (Cd), total amount	EU REACH Annex XVII Entry 23	DIN EN ISO 11885 ICP-OES	≤ 100 mg/kg	Varnish and coatings	SR 814.81 Annex 2.8	Plastic: 100 mg/kg
6. Leather							
26	Azo dyes* Annex Ip-Aminoazobenzene	EU REACH Annex XVII Entry 43	EN ISO 17234-1:2015 / EN ISO 17234-2:2011	per ≤ 30 mg/kg (aromatic amines)	Dyed leather	SR 817.023.41 Art. 21	Per substance < 30 mg/kg
27	Dimethyl fumarate	EU REACH Annex XVII Entry 61	GC MS after extraction	Prohibited = 0.1 mg/kg	All leather	SR 814.81 (Annex 2.4, Number 2.2)	Prohibited = 0.1 mg/kg
28	Chromium (VI)	EU REACH Annex XVII Entry 47	ISO 17075, IC	< 3 mg/kg	Leather with skin contact	SR 814.81 Annex 2.16	< 3 mg/kg
29	Short-chain chlorinated paraffins (SCCP)	(EU) 2019/1021	GC-MS or GC-ECD	Permissible limit is 0.15% (article)	All leather	SR 814.81 Annex 1.1, Number 2 a)	0.1% mass content
	Pentachlorophenol (PCP); Tetrachlorophenol (TeCP)	(EU) 2019/1021	GC-ECD or GC-MS	≤ 5 mg/kg	All leather	SR 814.81 Annex 1.2, section 3 a-e	Ban on use

5. Textile parts							
30	Dimethyl fumarate	EU REACH Annex XVII Entry 61	GC MS after extraction	Prohibited = 0.1 mg/kg	All textiles	SR 814.81 Annex 2.4, Number 2.2	Prohibited = 0.1 mg/kg
31	Organotin compounds (with direct skin contact)	EU REACH Annex XVII Entry 20	GC/MS analysis, EN ISO 17353	TBT, TPT, DBT, DOT <1000 mg/kg TCyT/TOT: 1,000 mg/kg	All textiles	SR 817.023.41 Art. 22	DOT < 1 mg/kg
32	Formaldehyde	EU REACH Annex XVII Entry 72	Textile: ISO 14184-1 leather: ISO 17226-2 (UV method)	Permissible limit as 75 mg/kg for prolonged skin contact textiles	All textiles	SR 817.023.41	/
33	Azo dyes* Annex I (with direct skin contact) See chapter 2.4.1.4	EU REACH Annex XVII Entry 43	Textile: EN ISO 14362-1/-3:2017 Leather: EN ISO 17234-1:2015 / EN ISO 17234-2:2011	Per substance 30 mg/kg	Dyed textiles	SR 817.023.41 Art. 21	Per substance 30 mg/kg
34	Perfluorooctanesulfonic acid, perfluorooctanoic acid (PFOS, PFOA) (for coating only)	(EU) 2019/1021	In-house method, LC/MS analysis	1 µg/m ²	Textile/coated material	SR 814.81 Annex 1.16	< 0.001% of PFOS
35	Flame retardants only when used for treatment	EU REACH Annex XVII Entry 4, Entry 7, Entry 8	In-house method; GS-MS/GC-NPD/MS/LC/MS analysis	PBB/TRIS/TEPA: Ban on use	Textile/coated material	SR 814.81 Annex 1.1; 1.2; 1.9 Art. 3	Tetra/penta/hexa/hept BDE: 10 mg/kg Octa BDE: 1000 mg/kg TRIS/TEPA: Ban on use
7. Metal							
36	Nickel release (only for metal parts)	EU REACH Annex XVII Entry 27	EN 1811 (for non-coated)	≤ 0.5 µg/cm ² /week	With direct skin contact	SR 817.023.41 Art. 2, paras. 1, 2	≤ 0.5 µg/cm ²

8. Paper and cardboard							
37	Lead (Pb), total amount	EU REACH Annex XVII Entry 63	DIN EN ISO 11885 ICP-OES	Permissible limit as 0.05% (500 mg/kg))	printed paper and cardboard	/	/
38	Cadmium (Cd), total amount	EU REACH Annex XVII Entry 23	DIN EN ISO 11885 ICP-OES	≤ 100 mg/kg	printed paper and cardboard	SR 814.81 Annex 2.9	≤ 100 mg/kg
39	Formaldehyde	in compliance with EN 71-9	EN 71 Part 9 /	≤ 500 mg/kg	printed paper and cardboard	/	/
40	Pentachlorophenol (PCP)	(EU) 2019/1021	GC-ECD	≤ 5 mg/kg	printed paper and cardboard	SR 814.81 Annex 1.2, section 3 a-e	5 mg/kg per substance – for wooden objects
9. Ink							
41	Benzene	EU REACH Annex XVII Entry 5	GC-MS	≤ 1,000 mg/kg	Ink	SR 814.81 Annex 1.12	≤ 1,000 mg/kg
42	Preservatives	In compliance with EN 71-9	DIN EN 71-10, 11	Independent of substance	Ink	/	/
43	Toluene	EU REACH Annex XVII Entry 48	GC-MS	≤ 1,000 mg/kg	Ink /in adhesives and spray paints	SR 814.81 Annex 1.12	≤ 1,000 mg/kg
10. Packaging							
44	Heavy metals pursuant to the Packaging Ordinance (Pb, Cd, Cr, Hg)	94/62/EC	DIN EN ISO 11885, ICP-OES (Pb, Cd, Cr) CV-AAS (Hg)	≤ 100 mg/kg (totals / sum)	Packaging material	SR 814.81 Annex 2.16, Point 4	Total sums lead, cadmium, quick silver and chromium VI =100 mg/kg total
45	Dimethyl fumarate	EU REACH Annex XVII Entry 61	GC-MS after extraction	Prohibited = ≤ 0.1 mg/kg	Articles made of PU, foam	SR 814.81 Annex 2.4, Number 2.2	Prohibited = 0.1 mg/kg

*This is an overview of the relevant regulatory/market test parameters.

An individual test plan for a product can be developed only if the composition and foreseeable conditions of the product's use are clearly known.

12.2 Candles

12.2.1 Scope of application and labelling

12.2.1.1 Scope of application:

Candles, candlesticks, lanterns, air fresheners, oil lamps, aerosols

12.2.1.2 Labelling pursuant to SR 930.11 Product Safety Act (PrSG)

- Manufacturer's information/distributor:
- Name, address
- Product identification information
- Warning and safety instructions
- Operating instructions
- In at least one official language (German, French, Italian)

12.2.1.3 Special features for candles

Additional warnings for candles: 2001/95/EC

- in the form of a symbol or text
- on the packaging or on the product itself (if this is not possible, operating instructions must be available at sales points)
- visible and legible

Minimum safety information (must be indicated on each candle)
pursuant to DIN EN 15494:



General warning symbols



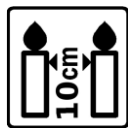
Never leave a burning candle unattended



Do not burn the candle on or near flammable objects.



Burn the candle out of reach of children and pets.



Always leave at least 10 cm distance between burning candles.

Voluntary safety information (freely selectable) pursuant to DIN EN 15494:



Never use a liquid to extinguish a candle.



Use tealights only in containers and warming devices with sufficient air supply



Do not expose candles to draughts.



Do not move a burning candle.



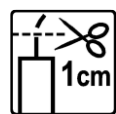
Place candles upright.



Do not place candles in the vicinity of heat sources.



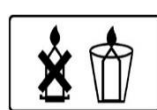
Always extinguish the flame. Do not blow out.



Cut the wick to a length of about 1 cm before lighting.



Keep melted wax clear of matches and other contaminants to prevent it from catching fire.



Use a suitable holder as these candles melt when burning



Always use a candlestick.

12.2.1.4 Special features for aerosol dispensers

(Ordinance of the EDI on aerosol dispensers 817.023.61)

12.2.1.4.1 Hazard analysis

The packer or importer is obliged to analyse the hazards posed by its aerosol dispensers on the basis of



- a) flammability (Annex 1, sections 8, 9, SR 817.023.61)
- b) pressure (Annex 1, section 1, SR 817.023.61).

12.2.1.4.2 Conformity

Specifications and maximum pressure value must conform to SR 817.023.61

12.2.1.4.3 Labelling

1. **Name and address** of the person or company that manufactured, imported, packed, filled or delivered the aerosol dispenser;
2. The **goods lot**
3. **The indication:** 'Content under pressure. Protect from direct sunlight at temperatures above 50°C. Do not pierce or burn even after use';
4. If the aerosol is classified as '**flammable**' or '**extremely flammable**':
 - 4.1 GHS pictogram with the signal word and danger notice and the safety instructions: pursuant to Table 2.3.2 of Ordinance (EC) No. 1272/200815, and the indication '**Do not spray into open flame or on to hot surfaces**';

<p>Category 1:</p>  <p>Hazard</p> <p>H222: Extremely flammable aerosol</p> <p>Safety instructions – prevention: P210/ P211/P251</p>	<p>Category 2:</p>  <p>Warning</p> <p>H223: Flammable aerosol</p> <p>Safety instructions – prevention: P210/ P211/P251</p>
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5. **Additional safety instructions** that inform consumers about the hazards of the product.
6. If the aerosol dispenser contains flammable parts corresponding to the definition in Annex 1 section 8, but is not deemed 'flammable' or 'highly flammable', the amount of flammable constituents contained therein must be indicated: **'Contains x% by weight of flammable constituents'**
7. Information must be provided **in two official languages** and **stand out clearly from the rest of the text**.

For a volume less than 150 ml, the information may be attached to an additional label or package insert.

12.2.1.4.4 Requirements for max. pressure values

Maximum pressure value for glass containers with permanent protective coating for liquefied gases or mixtures of liquefied gases

- at 20°C
- maximum value of the pressure through extrapolation

Aggregate volumes	Proportion of the liquefied gases, based on the total mixture, in % by weight		
	20%	50%	80%
50-80 ml	3.5 bar	2.8 bar	2.5 bar
more than 80-160 ml	3.2 bar	2.5 bar	2.2 bar
more than 160-220 ml	2.8 bar	2.1 bar	1.8 bar

As of: 1 January 2014

Maximum pressure value for unprotected glass containers for liquefied gases

- at 20 °C
- maximum value of the pressure through extrapolation
-

Aggregate volumes	Proportion of the liquefied gases, based on the total mixture, in % by weight		
	20%	50%	80%
50-70 ml	1.5 bar	1.5 bar	1.25 bar
more than 70-150 ml	1.5 bar	1.5 bar	1 bar

12.2.2 Requirements for Candles

Requirements						
No.	Parameters	EU directive	Testing method	Limit	Switzerland	Limit
1. Prohibited and restricted substances						
1	Dangerous liquid substances and preparations	Art. 2 para. 2 of Directive 1999/45/EC Annex I (EC) No 1272/200865 Annex XIV (EC) No 1907/2006	/	Substances listed are prohibited	SR 814.81 (ORRChem) Annex 1.11, para. 1	Prohibited pursuant to EU directives; In addition: SR 814.81 (ORRChem) Annex 1.17, para. Section 5
2	Candlewicks	/	/	/	SR 817.023.41 (EDI) Art. 23	Lead in wick: max. 600 mg/kg
3	Matches	/	/	/	SR 817.023.41 (EDI) Art. 24	only in packaging, packets and boxes; white phosphorous: prohibited
4	Lighters	1999/44/EC; SN EN ISO 9994:2006 SN EN 13869:2002	/	/	SR 817.023.41 (EDI) Article 25	All fuels: Benzene or liquid gases such as propane or butane; Child protection required; Entertainment effect prohibited;
5	No use of liquids labelled R65 or H304	2001/95/EC	Declaration/ screening by means of GC/MS	prohibited	SR 814.81 (ORRChem) Annex 1.11	/
6	No use of toxic fragrances	2001/95/EC	Declaration/ screening by means of GC/MS	prohibited	SR 814.81 (ORRChem)	/
7	Scented candles and liquids for scent diffusers	EC 1272/2008	/	Labelling	/	/
8	Decorative oil lamps	2001/95/EC	EN 14059	Must comply to the specifications	SR 814.81 (ORRChem) Annex 1.11; para. 4	Must conform to the specifications in SN EN 14059:2002

Requirements						
No.	Parameters	EU directive	Testing method	Limit	Switzerland	Limit
9	Hazardous substances; Prohibition on substances labelled R65 or H304	1999/45/EC Art. 2 para. 2 EC No 1272/2008 Annex I	/	Must comply to the specifications	SR 814.81 (ORRChem) Annex 1.11; para. 1.2	dangerous liquid substances are prohibited in: - ornamental articles intended to product light or colour effects by means of different phases; - tricks and jokes; - games/ornamental articles;
10	Lamp oil Substances labelled R65 or H304 require special labelling	1999/45/EC Article 2 para. 2 EC No 1272/2008 Annex I	/	Must comply to the specifications	SR 814.81 (ORRChem) Annex 1.11; para. 3	May not contain dyes or fragrances. Marking: 'Keep lamps filled with this liquid out of the reach of children. Just a sip of lamp oil – or even sucking the wick of lamps – may lead to life-threatening lung damage.' Must appear in at least two official languages , be clearly legible and indelible.
11	Grill lighter fluid Substances labelled R65 or H304 require special labelling	1999/45/EC Art. 2 para. 2	/	Must conform to the specifications in	SR 814.81 (ORRChem) Annex 1.11; para. 3	Marking: 'Just a sip of grill lighter fluid may lead to life-threatening lung damage.' Must appear in at least two official languages , be clearly legible and indelible.
12	Aerosol dispensers for entertainment or decoration purposes	Annex I of Ordinance (EC) No 1272/2008	/	Must conform to the specifications in	SR 817.023.61	May not contain the following substances from the Ordinance: Hazard classes 2.2, 2.6, 2.7, 2.9, 2.10, 2.12.
13	Aerosol dispensers: Prohibitions:	Annex III of Directive 67/548/EEC; Annex III of Ordinance(EC) No 1272/2008	/	Must conform to the specifications in	SR 817.023.61	Ozone-depleting substances (Annex 1.4) -Substances stable in air (Annex 1.5) -contains vinyl chloride; -alkalis or acids labelled: R23, R26, R34, R35, R41, or H314, H318, H330, H331
2 Packaging						
14	Heavy metals in the packaging (Cd, Pb, Hg, Cr)	94/62/EC	/	100 mg/kg (total)	SR 814.81 (ORRChem)	100 mg/kg (total)
15	Special packaging Lamp oils and grill lighter fluid with R65 or H304 substance	SN EN 14059:2002	/	Must conform to the specifications in	SR 814.81 (ORRChem) Annex 1.11; para. 4	Packaging: black, opaque container with max. 1 litre capacity
16	Dimethyl fumarate	EU REACH Annex XVII Entry 61	GC-MS according to extraction	Prohibited = ≤ 0,1 mg/kg	SR 814.81 (ORRChem) Annex 2.4, Number 2.2	Prohibited = 0.1 mg/kg

*Annexes to individual substances are listed in Manual A (**Softlines**)

13 Stationery, school and office products

13.1 Requirements /Stationery

Requirements						
No.	Objects/parameters	EU directive	Testing method	Limit	Switzerland	Limit
1 General requirements						
1	Dimethyl fumarate	EU REACH Annex XVII Entry 61	GC-MS	Prohibited = 0.1 mg/kg	SR 814.81 (ORRChem) Annex 2.4, Number 2.2	Prohibited = 0.1 mg/kg
2	Materials on the ECHA candidate list and REACH ordinance	EC/1907/2006 Annex XVII	In-house method, GC-MS/LC-MS analysis	must not be present in the product	SR 814.81 (ORRChem)	Ban on use
2 Metals						
3	Nickel release (with direct skin contact)	EU REACH Annex XVII Entry 27	EN 1811	0.5 µg/cm ² /week	SR 817.023.41 (EDI) Article 2, para. 1&2	0.5 µg/cm ² /week
4	Cadmium, total content	EU REACH Annex XVII Entry 23	In-House method, Acid digestion followed by ICP analysis	100 mg/kg	SR 817.023.41 (Art. 2; 2a)	Metal: 100 mg/kg
5	Lead, total amount	EU REACH Annex XVII Entry 63	Acid Digestion followed by ICP analysis	500 mg/kg (metal)	SR 817.023.41 Art. 2; 2b	Metal: 500 mg/kg
3 Plastic						
6	Cadmium, total content	EU REACH Annex XVII Entry 23	EN 1122	100 mg/kg	SR 814.81 (ORRChem) Annex 2.9	Plastic: 500 mg/kg
7	Lead, total amount	EU REACH Annex XVII Entry 63	Acid Digestion followed by ICP analysis	500 mg/kg (metal)	SR 817.023.41	Plastic: 100 mg/kg
8	Lead in varnish and paints	EU REACH Annex XVII Entry 63	CPSC-CH-E1003-09.1	0.05%	SR 814.81 Annex 2.8; point 2	Plastic: 100 mg/kg

Requirements						
No.	Objects/parameters	EU directive	Testing method	Limit	Switzerland	Limit
9	Cadmium in varnish and paints	EU REACH Annex XVII Entry 23	EN 1122	100 mg/kg	SR 814.81 (ORRChem) Annex 2.8; point 2	Plastic: 100 mg/kg
10	Organotin compounds (plastic inner materials and coatings with direct skin contact)	EU REACH Annex XVII Entry 20	GC/MS analysis, EN ISO 17353	TBT, DBT, TPT, DOT < 0.1%	SR 814.81 Annex 1.14; Art. 3	TBT, DBT, DOT each ≤ 0.1% (expressed as tin)
11	Short-chain chlorinated paraffins C10-13	(EU) 2019/1021	GC-MS or GC-ECD	Permissible limit is 0.15% (article)	SR 814.81 Annex 1.1, Number 2 a)	1% mass content
12	Pentachlorophenol (PCP); Tetrachlorophenol (TeCP)	(EU) 2019/1021	ASE or KOH extraction, provision § 64LFGB B 82.02-08(mod)	5 mg/kg per substance	SR 814.81 Annex 1.2, Number 3, a-e	Ban on use 5 mg/kg per substance - for wooden objects
13	PAH (REACH) (plastic as main material) See chapter 3.2.2	EU REACH Annex XVII Entry 50	AfPS GS 2019:01 PAK	Permissible limit as 1 mg/kg each (of 8 PAHs); 0.5 mg/kg each (of 8 PAHs) for Toys and Childcare articles	SR 814.81 Annex 2.9, No 2e	< 1 mg/kg
14	Phthalate plasticiser* (plastic) See chapter 3.2.2	EU REACH Annex XVII Entry 51	Extraction with org. solvent/GC or LC/MS EN ISO 14389	Individual or Sum of DEHP, BBP, DBP and DIBP – 0.1%	SR 817.023.11 (Toy Safety Ordinance, VSS) - for children's articles SR 814.81 Annex 1.17, point 5	DEHP+DBP+BBP < 0.1% = 1,000 mg/kg (total) DINP+DIDP+DNOP < 0.1% = 1,000 mg/kg (total)

Requirements						
No.	Objects/parameters	EU directive	Testing method	Limit	Switzerland	Limit
4 Textiles & leather						
15	Perfluorooctanesulfonic acid, perfluorooctanoic acid (PFOS, PFOA)	(EU) 2019/1021	In-house method, LC-MS analysis	Textile/coated material: 1 µg/m ² Plastics: Permissible limit of PFOS: 0.1% (article); PFOA: 0.025 mg/kg and 1 mg/kg for PFOA related compounds	SR 814.81 (ORRChem) Annex 1.16	< 0.001% of PFOS
16	Flame retardant only when used for treatment	EU REACH Annex XVII Entry 4, Entry 7, Entry 8,	In-house method; GC-MS/ GC-NPD/MS /LC-MS analysis	PBB/TRIS/TEPA: Ban on use	SR 814.81 Annex 1.1; 1.2; 1.9 of Art. 3	Tetra/penta/hexa/hept BDE: 10 mg/kg Octa BDE: 1,000 mg/kg TRIS/TEPA: Ban on use
17	Chromium (VI) (for leather only)	EU REACH Annex XVII Entry 47	ISO 17075, IC	< 3 mg/kg	SR 814.81 Annex 2.16	< 3 mg/kg
18	Short-chain chlorinated paraffins (SCCP) (for leather only)	(EU) 2019/1021	GC-MS or GC-ECD	Permissible limit is 0.15% (article)	SR 814.81 Annex 1.1, section 2 a)	0.1% mass content
19	Pentachlorophenol (PCP) Tetrachlorophenol (TeCP) (for leather only)	(EU) 2019/1021	GC-ECD or GC-MS	PCP only	SR 814.81 Annex 1.2, section 3 a-e	Ban on use
5 Wood						
20	Arsenic (As)	EC 1907/2006	DIN EN ISO 1885, ICP-OES	Wood treated with arsenic compounds may not be placed on the market	SR 814.81 Annex 1.2, section 3 a-e (mainly Bamboo)	Wood treated with arsenic compounds is not to be placed on the market
21	Formaldehyde (for wood)	ChemVerbotsV	DIN EN 717-2 DIN EN 120	≤ 8.0 HCHO/100g panel (perforator method) ≤ 3.5 mg HCHO /hm ² (gas analysis method)	SR 817.023.41 (EDI)	/

Requirements						
No.	Objects/parameters	EU directive	Testing method	Limit	Switzerland	Limit
22	<p>Wood preservatives</p> <p>1. Arsenic or arsenic compounds</p> <p>2. Tar oils</p> <p>a. creosote (CAS no. 8001-58-9);</p> <p>b. creosote oil (CAS no. 61789-28-4);</p> <p>c. distillates (coal tar), naphthalene oils (CAS no. 84650-04-4);</p> <p>d. creosote oil, acenaphthene fraction(CAS no. 90640-84-9);</p> <p>e. distillates (coal tar), upper (CAS no. 65996-91-0);</p> <p>f. anthracene oil (CAS no. 90640-80-5);</p> <p>g. tar acids, coal, crude oil (CAS no. 65996-85-2);</p> <p>h. creosote, wood (CAS no. 8021-39-4);</p> <p>i. low-temperature coal (CAS no. 22384-78-5).</p>	§ 30 LFGB	GC-MS	treated wood may not be placed on the market	SR 814.81 (ORRChem) Annex 2.4	<p>Ban on use</p> <p>treated wood may not be placed on the market</p>
6 Paper and cardboard						
23	Lead (Pb), total amount	EU REACH Annex XVII Entry 63	DIN EN ISO 11885, ICP-OES	≤ 500 mg/kg (total)	/	/
24	Cadmium (Cd), total amount	EU REACH Annex XVII Entry 23	DIN EN ISO 11885 ICP-OES	≤ 100 mg/kg	SR 814.81 Annex 2.9	≤ 100 mg/kg
25	Formaldehyde	in compliance with EN 71-9	EN 71 Part 9	≤ 500 mg/kg	/	/
26	Pentachlorophenol (PCP)	(EU) 2019/1021	GC-ECD	≤ 5 mg/kg	SR 814.81 Annex 1.2, Number 3, a-e	5 mg/kg per substance - for wooden objects

Requirements						
No.	Objects/parameters	EU directive	Testing method	Limit	Switzerland	Limit
7 Ink in adhesives and spray paints						
27	Benzene	EU REACH Annex XVII Entry 5	GC-MS	≤ 1,000 mg/kg	SR 814.81 (ORRChem) Annex 1.12	≤ 1,000 mg/kg
28	Preservatives	Referring to DIN EN 71-9	DIN EN 71-10, 11	Dependent of substance	/	/
29	Toluene	EU REACH Annex XVII Entry 48	GC-MS	≤ 1,000 mg/kg	SR814.81 Annex 1.12	≤ 1,000 mg/kg
8 Packaging						
30	Heavy metals in the packaging (Cd, Pb, Hg, Cr)	94/62/EC	/	100 mg/kg (total)	SR 814.81	100 mg/kg (total)
31	Dimethyl fumarate	EU REACH Annex XVII Entry 61	GC-MS after extraction	Prohibited = ≤ 0.1 mg/kg	SR 814.81 Annex 2.4, Number 2.2	Prohibited = 0.1 mg/kg

14 Electrical and electronic equipment

14.1 Batteries: Requirements

14.1.1 Chemical requirements: (SR 814.81 Annex 2.15)

Mercury	< 5 mg/kg
Cadmium	< 20 mg/kg
Lead	< 40 mg/kg

14.1.2 Special labelling (Ordinance 814.81 / Annex 2.15 - 4.1)

1. Labelling on **disposal** must be displayed in a visible, clearly legible and indelible form.
2. For portable rechargeable batteries: Information on **capacity** must be displayed in a visible, clearly legible and indelible form. (Art. 2–4 EU Directive 1103/2010)
A capacity sticker shall be affixed to all portable (rechargeable and non-rechargeable) batteries (Article 21(2))
3. For batteries that contain **additional metals** than those listed above, the chemical symbols Hg, Cd or Pb must be provided for the metal concerned. (Art. 21 Directive 2006/66/EC)

14.1.3 Sales points and advertising (Ordinance 814.81 Annex 2-15 - 4.2)

At sales points, it must be clearly and prominently indicated that:

1. batteries can be handed over to a sales point for disposal or disposed of via a battery **collection scheme or collection point**;
2. batteries are taken back free of charge at the sales point for disposal; and
3. batteries are subject to a fee intended to finance the costs of disposal.

14.1.4 Bring-back and take-back obligation (Ordinance 814.81 Annex 2.15 - 5; SR 814.620 VREG)

1. Batteries should be handed over to a trader or manufacturer with a take-back obligation or disposed of via a battery collection scheme or collection point
2. Traders that supply portable batteries must take back portable batteries from consumers free of charge at every sales point.

Disposal pursuant to Directive 2006/66/EC (SR 814.81. Annex 2.15)

Batteries must be accompanied by a symbol:



14.2 Equipment: Scope of application and requirements

14.2.1 Definitions

(SR 814.81. Annex 2.18)

Electrical and electronic equipment means equipment that

- is or can be operated fully or in part with batteries;
(pursuant to Directive 2002/96/EC, Art. 3 letter A; Directive 2011/65/EU)
- if the equipment falls under the categories in Annex 1 of Directive 2011/65/EU ;

Cables means all cables with a rated voltage of less than 250 volts that serve as a connection or extension cable.

14.2.2 Scope of application

(Directive 2011/65/EU, Annex I)

Applies to electrical and electronic equipment operated by electric currents (no higher than 1,000 volts for alternating current and 1,500 volts for direct current)

- Large household appliances
- Small household appliances
- IT and telecommunications equipment
- Consumer equipment
- Lighting equipment
- Electrical and electronic tools
- Toys, leisure and sports equipment
- Monitoring and control instruments, including monitoring and control instruments in industry
- Automatic dispensers
- Other electrical and electronic equipment not covered by any of the above categories.

Restricted substances and weight compatible maximum concentration values in homogeneous materials:

- Lead (0,1 %)
- Mercury (0,1 %)
- Cadmium (0,01 %)
- Chromium VI (0,1 %)
- Polybrominated biphenyls (PBB) (0,1 %)
- Polybrominated diphenyl ethers (PBDE) (0,1 %)
- Bis(2-ethylhexyl)phthalate (DEHP) (0,1 %)
- Butylbenzylphthalate (BBP) (0,1 %)
- Dibutylphthalate (DBP) (0,1 %)
- Diisobutylphthalate (DIBP) (0,1 %)

14.2.3 Labelling

(pursuant to SR 814.81, Annex 2.18; point 4.1 and SR 930.11 PrSG)

- **Importer** information: Company name, address in Switzerland (central location); SR 734.5, Art. 13, point 5)
- **Product and identification information:** Type, lot or serial number or other means of identification
- **Warning and safety instructions**
- **Operating instructions** and the necessary **safety information** in at least one official language (German, French, Italian) or the official language where it is placed on the market.
- All information on special precautions to be taken during **assembly, installation, maintenance** and **use** of the equipment.

Position: directly on the product itself; if that is not possible, on the packaging or in the documents accompanying the equipment

14.2.4 Special labelling for EMC:

(applies to EMC pursuant to SR 734.5 OEMC Art. 13)

Every device must be labelled with conformity mark.



or



SR 734.5 OEMC,
Annex 1 No.1

Annex II of Ordinance (EC)
No 765/2008

Position:

- to be displayed visibly, legibly and indelibly on the equipment or its data plate; if this is not possible, then on the packaging and in the accompanying documents;
- on each individual device

14.2.5 Bring-back and take-back obligation

(Ordinance 814.620 VREG)

1. Traders, manufacturers and importers are obliged to take back the electrical and electronic equipment they carry in their product range **free of charge**.
2. This also applies when the customer does not purchase new equipment.
3. Consumers are also **obliged to bring back** equipment.
4. Retailers must take back equipment at all sales points throughout their opening hours.
5. In accordance with VREG 814.620, equipment from the following categories is covered if it is operated electrically:
 - Consumer equipment
 - Office, information and communication technology equipment
 - Cooling equipment
 - Household appliances
 - Tools (not including large-scale stationary industrial tools)
 - Sporting and leisure equipment, and toys
 - Lighting and light sources

14.2.6 Requirements for plugs (see Annex II)



Type J / SEV 1011:2009 Type 12



socket SEV 1011:2009 Type 13

SN SEV 1011:2009/A1:2012 stipulates the requirements for multiway adaptors, intermediate adaptors, cord sets, cord extension sets, travel adaptors and fixed adaptors.

Most important amendments (from the Swiss Electrotechnical Association effective 1 January 2016):

- **Multiway adaptors:** Maximum four plugs, stacking not permitted, multiway adaptor with T-12 plugs discontinued
- **Intermediate adaptors:** Stacking not permitted
- **Cord sets:** Minimum cross sections
- **Cord extension sets:** Overcurrent protection, minimum cable length and minimum cross sections, requirements for foreign plugs
- **Travel adaptors:** Given protection class, overcurrent protection, limitation of operating time to one hour at full load; single-pole plugging and stacking not permitted
- **Fixed adaptors:** Given protection class

14.3 Requirements for energy efficiency

14.3.1 Electrical household lamps

(pursuant to SR 730.01, Annex 2.3)

- incandescent lamps (mains operated, with non-directional light)
- fluorescent lamps with integrated ballast;
- excluded are lamps pursuant to (EU) 2019/2020;
- legal obligation of compliance
- obligation to prepare technical documentation
- inspection at an SFOE-recognised office;
- information on energy consumption pursuant to Annex 3.3 SR 730-01
- further labelling pursuant to Annex II section 3 (EU) 2019/2020 (on the packaging)



14.3.2 Electrical ventilators

(pursuant to SR 730.01, Annex 2.19)

- Mains-operated electrical ventilators with a drive motor input power of 0.125-500 kW.
- Definitions pursuant to Arts. 1 and 2 of Ordinance (EU) No. 327/2011
- Must fulfil the requirements pursuant to Annexes 1 (section 2, table 2) and II of Ordinance (EU) No. 327/2011
- Energy consumption and further properties of the equipment mentioned in section 1 must be measured pursuant to Annex II of Ordinance (EU) No. 327/2011.
- Declaration of conformity
- Obligation to prepare technical documentation
- Information on the energy consumption and labelling are pursuant to Annex I, section 3, No. 327/2011

14.3.3 Vacuum cleaners

(pursuant to SR 730.01, Annex 2.21)

- Mains-operated vacuum cleaners, excluding hybrid vacuum cleaners
- Definitions pursuant to Art. 2 of Ordinance (EU) No. 666/2013
- **Excluded:**
 - a. Wet vacuum cleaners, combined wet and dry vacuum cleaners, battery-powered vacuum cleaners, industrial vacuum cleaners and central vacuum cleaners;
 - b. electric floor polishers;
 - c. vacuum cleaners for outdoor use.
- The requirements must be fulfilled pursuant to Annex I, section 1a of Ordinance (EU) No. 666/2013;
from 1 September 2017, Annex I, section 1b of Ordinance 666/2013 must also be fulfilled.
- Declaration of conformity
- Technical documents: obligation to prepare

14.3.4 Room ventilation equipment

(pursuant to SR 730.01, Annex 2.26)

- residential ventilation units
- definitions pursuant to Art. 2 of Ordinance (EU) No. 1253/2014;
- excluded are room ventilation units pursuant to Art. 1, para. 2 of Ordinance (EU) No. 1253/2014.
- residential ventilation units must fulfil the requirements pursuant to Annex II, section 1 of Ordinance (EU) No. 1253/2014. From **1 January 2018**, also Annex II, section 2
- non-residential ventilation units must be pursuant to Annex III, section 1 of Ordinance (EU) No. 1253/2014; from **1 January 2018** also Annex III, section 2
- Declaration of conformity pursuant to 2009/125/EC
- Obligation to prepare technical documentation

Information on the energy consumption and labelling are pursuant to Annexes II–VIII of 1254/2014

14.3.5 Household coffee machines

(pursuant to SR 730.01, Annex 3.9)

- Applies to espresso machines with or without pump
- Espresso machines for capsules and portions
- Automatic espresso machines
- **Excluded are machines** that can also be operated from other energy sources **and** pressureless **filter coffee machines**
- the energy label must be at least 60 mm wide and 120 mm high. If the energy label is printed in a larger format, the proportions in the specifications must be maintained.
- The graphic elements should be scaled proportionally. The background must be white.
- **in the case of online sales**, the entire energy label must appear with the first mouse click when scrolling over the product image or the arrow with the energy efficiency class.

The efficiency class is categorised according to the rating corresponding to the standard EN 60661.

A+++	< 37%
A++	$37\% \leq x < 46\%$
A+	$46\% \leq x < 58\%$
A	$58\% \leq x < 72\%$
B	$72\% \leq x < 90\%$
C	$90\% \leq x < 112\%$
D	> 112%

14.4 Conformity

Conformity must be specified pursuant to SR 734.26 Low-Voltage, SR 734.5 (OEMC); SR 814.81, Annex 2.18 based on the following points:

- The Declaration of Conformity (example) must be written in **an official language of Switzerland or in English**.
- If the equipment is subject to several regulations, a single declaration should be drawn up. This must contain all crucial information on the relevant regulations and comply with the technical standards;
- A safety assessment **before the equipment is first** placed on the market.

14.4.1 Obligations of the industry operators

14.4.1.1 Manufacturer:

- must confirm compliance with the prohibition on substances in a Declaration of Conformity (RoHS conformity)
- must keep the Declaration of Conformity up to date
- must keep the technical documentation and Declaration of Conformity for a period of 10 years after the equipment was first placed on the market. In the event of series production, this period begins on the date of manufacture of the final example.

14.4.1.2 Importer:

- must ensure that the conformity assessment procedure was carried out by the manufacturer and that the manufacturer has prepared the technical documentation
- must keep a copy of the Declaration of Conformity and the technical documentation for a period of 10 years after the equipment was first placed on the market

14.4.1.3 Trader:

- must ensure that the manufacturer and the marketer fulfil their obligations

14.4.2 Technical documentation

The technical documentation must be in an **official language of Switzerland** or in English, and contain the following information.

The technical documentation may be in a different language if the information required for its assessment is provided in one **of the official languages of Switzerland** or in English:

- a. general description of the product
- b. conceptual design and manufacturing drawings and schemes of components, sub-assemblies and circuits
- c. descriptions and explanations necessary for the understanding of the drawings and schemes, and the operation of the product
- d. list of the standards applied in full or in part, and descriptions of the solutions adopted to satisfy the safety aspects where standards have not been applied
- e. results of design calculations and inspections, including an appropriate risk assessment
- f. test reports from the manufacturer or third parties

! For equipment with an operating voltage of < 50 V for alternating current or < 75 V for direct current and an operating current of < 2 A, the proof is not mandatory (in case of danger only).

14.4.3 Declaration Conformity

Pursuant to: (Annex 4 of the Swiss Ordinance 734.5 OEMC), (Art. 8 of the Swiss Ordinance 734.26 LV) (Annex III of the EU Low Voltage Directive 2014/35/EU):

Title: Declaration of Conformity

1. Equipment type/product (product, model, batch or serial number);
2. Name and address of the manufacturer or its authorised agent established in Switzerland;
3. This Declaration of Conformity is issued under the sole responsibility of the manufacturer.
4. Object of the declaration (identification of the equipment allowing traceability; it may include a colour image of sufficient clarity where necessary for the identification of the equipment):
5. The object of the declaration described above conforms with the relevant laws and regulations of Switzerland:
6. References to the relevant technical standards used, including its data, or references to other technical specifications in relation to which conformity is declared, including its data:
7. Where applicable: The conformity assessment body..... (name, identification number) has..... (description of the measures) and has issued the following certificate: ...
8. Additional information:

signature for and in the name of:

Signed for and on behalf of:

(name, function) (signature):





! The Declaration of Conformity for equipment bearing the foreign CE conformity declaration must be issued on presentation pursuant to Annex IV of Directive 2014/30/EU 15.




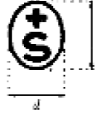


14.5 Product requirements

- 1) The substance restrictions in electric and electronic devices in Switzerland are **identical** with those in the **directive 2011/65/EU (RoHS2)** with respect to the type of the regulated **heavy metals** and **flame retardants**, concerned **device categories**, **exceptions** from substance prohibitions and the effective dates.
- 2) **Special bans on use in Switzerland:**
<https://www.bafu.admin.ch/bafu/en/home/topics/chemicals/info-specialists/bans-and-restrictions-on-use.html>


No.	Parameter	EU	Test method	Limit	Product/material	Switzerland	Limit
1. Chemical requirements*1							
1	RoHS Max. concentration values: 1. Lead 2. Mercury 3. Cadmium 4. Chromium VI 5. Polybrominated Biphenyls 6. Polybrominated Diphenylethers 7. Bis(2-ethylhexyl)phthalate (DEHP) 8. Benzylbutylphthalate, (BBP) 9. Dibutylphthalate (DBP) 10. Diisobutylphthalate (DIBP)	Directive 2011/65/EU Annex II	IEC 62321	Each 0,1 % Pb, Hg, CrVI, PBB, PBDE; DEHP, BBP, DBP, DIBP 0,01 % Cd	Electrical and electronic devices, cables and spare parts	SR 814.81 (ORRChem) Annex 2.18, no. 2	each 0,1 %- all except Cd Cd =>0,01 %
2	Metals in batteries	Directive 2006/66/EC with amendments from Directive 2013/56/EU	Complete digestion and ICP, UV-VIS	Depending on battery type	Only batteries	SR 814.81 Annex 2.15	Mercury < 5 mg/kg Cadmium < 20 mg/kg (For portable battery) Lead < 40 mg/kg (labelling requirement)

No.	Parameter	EU	Test method	Limit	Product/material	Switzerland	Limit
3	Phthalates for children's products (plastic) see chapter 3.2.2	Directive 2006/66/EC with amendments from Directive 2013/56/EU	Extraction with org.solvents/ GC- or LC/MS EN ISO 14389	ANNEX XVII (Entry 51) DEHP + DBP + BBP + DIBP < 0.1% ANNEX XVII (Entry 52) DINP + DIDP + DNOP < 0.1% by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children	Soft plastics and silicones	SR 817.023.41 (EDI); Art 14	DEHP + DBP + BBP + DIBP < 0.1% DINP+DIDP+DNOP< 0,1%
4	PAH (REACH) (plastic as main material) see chapter 3.2.2	AfPS	Regulation (EG) Nr. 1907/2006	adults: PAH each < 0.5 mg/kg Sum 18 PAK < 10 mg/kg children: each < 0.2mg/kg Sum 18 PAH < 5 mg/kg	All plastics and silicones	SR 814.81 (ORRChem) Annex 2.9, no 2e	adults: each < 0.5 mg/kg children: each < 0.2 mg/kg
5	Corrosion resistance (devices for outdoor use)	Internal quality requirements	ISO 9227 NSS	resistant	/	/	/
6	Short chain Chlorparaffines C10-13 (SCCP) in main components made of plastic	(EU) 2019/1021	Extraction with organic solvents, C/MS by using NCI	0.15% or 1500 ppm for articles	Ale new items	SR 814.81 Annex 1.1, no. 2, a)	0.15 % by mass for articles
7	Materials and items intended to come into contact with food	1935/2004/EC	Depending on product	Must comply to the regulations	All materials intended to come into contact with food	/	/
8	REACH SVHC candidate list	REACH regulation (EC) 1907/2006 Article 33,	solvent-extraction / GC-MS and GC-ECD acid digestion / ICP-AES and/or ICP-MS	0.1% by weight (w/w) [if more: mandatory declaration]	/	/	/

No.	Parameter	EU	Test method	Limit	Product/material	Switzerland	Limit
2. General security requirements							
9	Elektrical safetyt AC voltage 50- 1000V DC voltage 75 -1500 V	2014/35/EU low voltage directive	Product-specific	Fulfillment of fundamental requirements	All E&E devices	SR 734.26 (NEV)	Fulfillment of fundamental requirements
10	electromagnetic compatibility EMC	2014/30/EU	Product-specific	Must comply to standard	All E&E devices (passive devices excluded)	SR 734.5 (VEMV)	Fulfillment of fundamental requirements
11	Photobiological safety for lamps and lighting systems (i.e. LED)	2006/25/EC	EN 62471 IEC/TR 62778	Must comply to the legal regulations	/	/	/
12	Electric household lamps (Lighting properties)	(EU) 2019/2020	Product-specific	Must comply to the legal regulations, annexes I und II	/	SR 730.01 (EnV), Annex 2.3	Must comply to the legal regulations in EU, annexes I und II
13	Ecodesign regulation Energy-related Products (ErP)	2009/125/EG (EU) 2019/2020 (EU) 2019/1782	Product-specific	Must comply to the legal regulations	All electric devices	SR 730.01	Must comply to the legal regulations
14	Radio and telecommunication terminal equipment (robot device, remote-controlled vehicles, WLAN, bluetooth)	2014/53/EU Radio Equipment Directive (RED)	Product-specific	Must comply to the legal regulations	/	/	/
3. Labelling							
15	Existence of WEEE-labelling	2012/19/EU	/	Article must be labelled with the crossed-out dustbin according to 2012/19/EU	E & E devices 	SR 814.81 (ORRChem)	E & E devices 
16	Existence of WEEE-labelling	2006/66/EU	/	All batteries, accumulators and battery packs should be labelled with the symbol shown in annex II of 2006/66/EU	Batteries 	SR 814.81(Batteries 

No.	Parameter	EU	Test method	Limit	Product/material	Switzerland	Limit
17	Existence of labelling	2014/35/EU 2014/30/EU 2014/53/EU ROHS	/	Labelling must be existent 	All E & E articles	SR 734.5 (VEMV) Art. 13	Mandatory for EMV devices  or 
18	The voluntary security label	/	/	/	Only for low voltage	SR 734.26 (NEV), Art. 15	
19	Energy efficiency labelling	(EU) 2017/1369(EU) 2019/2015	Product-specific	must be compliant to the standard 	Product specific	SR 730.01 Energy regulation (EnV) Specific requirements for vacuum cleaners, coffee machines	must be compliant to the standard 
20	General information and label	EN 60335-1 Section 7.1		<ul style="list-style-type: none"> - Rated voltage in Volt; - (must cover 230 V for single-phase devices) - rated output in Watt oder rated current in Ampere; - Symbol IEC 60417-5172 (2003-02) only for class II devices; - - IP-number according to degree of protection against water ingress, except IPX0; 		/	/
4. packaging							
21	Heavy metals in packaging (Cd, Pb, Hg, Cr(VI))	94/62/EC	/	100 mg/kg (Sum)	/	SR 814.81 (ORRChem)	100 mg/kg (Sum)
22	Dimethylfumarate	EC 1907/2006	GC-MS after extraction	≤ 0.1 mg/kg	articles made of PU, foam material	SR 814.81 annex 2.4, no 2.2	prohibited = 0,1 mg/kg

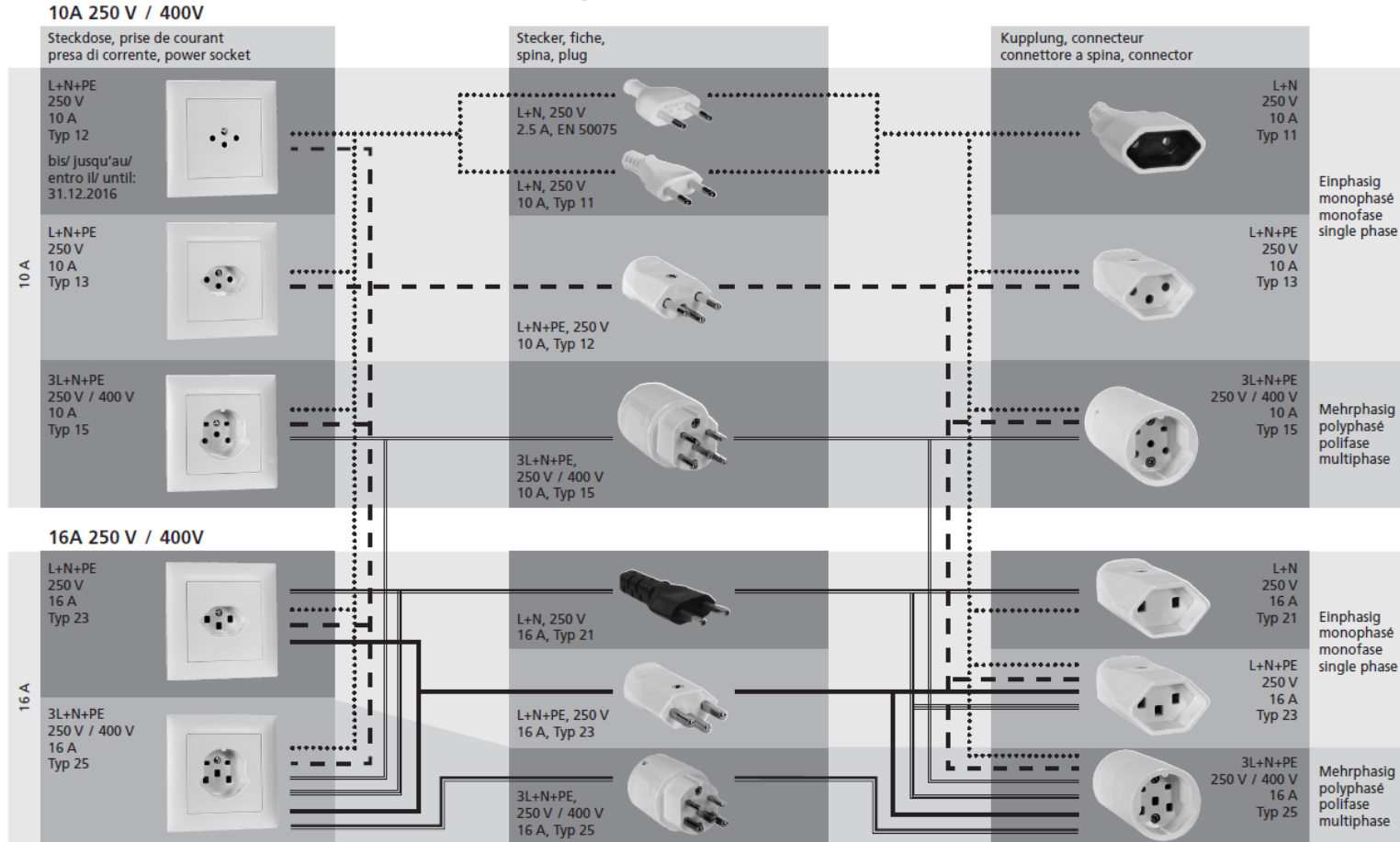
*1 The bans are **not valid** for electric- and electronic devices, cables and spare parts, which contain substances mentioned in the annexes III und IV of directive 2011/65/EU for uses stated therein.

 Schweizerische Eidgenossenschaft
 Confédération suisse
 Confederazione Svizzera
 Confederaziun svizra

Swiss Confederation

Eidgenössisches Starkstrominspektorat ESTI
 Inspection fédérale des installations à courant fort ESTI
 Ispektorato federale degli impianti a corrente forte ESTI
 Inspektorat federal d'installaziuns a current ferm ESTI

System SEV 1011



15 Outdoor furniture

15.1 Scope of application and labelling

15.1.1 Scope of application

- Outdoor furniture and accessories
- Sunshades
- Loungers, chairs, sofas, armchairs for outdoor areas

15.1.2 General labelling

Information and labelling required by law **may include:** (SR 946.51)

- labelling,
- packaging instructions,
- package insert,
- instructions for use,
- user manuals,
- safety datasheets

It is mandatory that labels include: (FDHA):

Names and addresses of the manufacturer, importer and seller:

- in a clearly visible location;
- in legible and indelible writing;
- in at least one of the official languages.

Position: Directly on the product or, in the event this is not technically possible, on a label/tag.

If necessary: Additional information, such as how the product should be used

15.2 Timber declaration

15.2.1 Special labelling for wood objects

(SR 944.021 Ordinance on the Declaration for Timber and Timber Products)

Applies to the following product groups (944.021.1 Annex 1):

- Firewood, charcoal
- Wooden frames for paintings, photographs, mirrors or similar objects, made of solid wood
- Casks, barrels, vats, tubs and other coopers' products and parts thereof, made of solid wood
- Posts and beams made of solid wood
- Seating, other furniture with main components made of solid wood

Does not apply to: Packaging; waste; recycling products.

15.2.1.1 Duty to declare the timber species – different to EU!

(pursuant to SR 944.021)

- Indicate the **trade name of the timber** and the scientific name of the timber; (set down by the EAER (Federal Department of Economic Affairs, Education and Research))
- **Several timber species**/genus may be given
- The indication '**mixed timber**' is permitted for objects made of woodchip or wood fibre
- In the case of products that are composed of more than three components made of different timber species, **at least the three species** that make up the largest proportion by mass of the product must be indicated.
- The timber species of a **veneer** must be indicated if it covers the **surface of a product**

15.2.1.2 Duty to declare the timber species – different to EU!

(pursuant to SR 944.021)

- The **place of origin of the timber** (the **country** in which the timber was harvested)
- **Several possible countries** of origin may be given
- If more than five countries of origin come into consideration, the smallest possible geographical area from which the timber originated may be given.
- The indication '**origin unknown**' may be used.
- At least the place of origin of the three species that make up the largest proportion by mass of the product must be indicated.
- The place of origin of a **veneer** must be indicated if it covers the **surface of a product**.

15.2.1.3 Position and language of the declaration

- **on the product itself**, in its immediate proximity or on the packaging
- if this is not possible for technical reasons, it may be indicated in some other easily accessible and legible form (shelf, catalogue);
- in **at least one of the official languages** (DE-FR-IT)
- for small batches (up to 50 items), the information may be given on letterhead.

15.2.1.4 Ordinance concerning the placing on the market of timber and timber products (SR 814.021)

This regulation is intended to prevent the placing on the market of timber and timber products that have not been legally harvested or traded.

15.3 Conformity and warnings

15.3.1 Safety requirements (standards):

DIN EN 581-1:2017 Title: Outdoor furniture – Seating and tables for camping, domestic and contract use – Part 1: **General safety requirements**

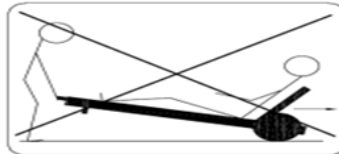
DIN EN 581-2:2017 Title: Outdoor furniture – Seating and tables for camping, domestic and contract use – Part 2: **Mechanical safety requirements** and test methods of **seating**

DIN EN 581-3:2017-04 Titel: Outdoor furniture – Seating and tables for camping, domestic and contract use – Part 3: **Mechanical safety requirements** and test methods for **tables**

15.3.2 Special warnings

- **Loungers** (pursuant to DIN EN 581-2:2017)

Pictograms for chairs equipped with wheels but not intended to be raised or moved with a person on them. The minimum size is 25 mm.



15.4 Requirements / Outdoor furniture

Requirements						
No.	Parameters	EU directive	Method	Limit	Switzerland	Limit
1. Plastic parts						
1	Dimethyl fumarate	EU REACH Annex XVII Entry 61	GC MS after extraction	Prohibited = 0.1 mg/kg	SR 814.81 (ORRChem) Annex 2.4, section 2.2	Prohibited = 0.1 mg/kg
2	Materials on the ECHA candidate list and REACH ordinance	EU REACH ordinance (1907/2006) Annex XIV	In-house method, GC-MS/LC-MS analysis	must not be present in the product	SR 814.81	Ban on use
3	Cadmium, total content	EU REACH Annex XVII Entry 23	DIN EN ISO 11885 ICP-OES	100 mg/kg	SR 814.81 Annex 2.9	Plastic: 100 mg/kg
4	Lead, total amount	EU REACH Annex XVII Entry 63	DIN EN ISO 11885 ICP-OES	0.05% (500 mg/kg)	SR 817.023.41 (EDI)	Plastic: 500 mg/kg is applicable for metal parts of jewelry and imitation jewelry (not for outdoor furniture)
5	Organotin compounds (plastic inner materials and coatings with direct skin contact)	EU REACH Annex XVII Entry 20	GC/MS analysis, EN ISO 17353	TBT, DBT, TPT, DOT < 0.1%	SR 814.81 Annex 1.14; Art. 3	TBT, DBT, DOT each ≤ 0.1% (expressed as tin)
6	Short-chain chlorinated paraffins C10-13	(EU) 2019/1021	GC MS or GC-ECD	Permissible limit is 0.15% (article)	SR 814.81 Annex 1.1, section 2 a)	1% mass content
7	Ozone-depleting substances	/	/	/	SR 814.81 Annex 1.4	Ban on use

8	Substances stable in air (for foam)	/	/	/	SR 814.81 Annex 1.5	Ban on use
9	Pentachlorophenol (PCP)	(EU) 2019/1021	ASE or KOH extraction, provision § 64LFGB B 82.02-08 (mod)	5 mg/kg per substance	SR 814.81 (ORRChem) Annex 1.2, Number 3 a-e	Ban on use
10	Perfluorooctanesulfonic acid, perfluorooctanoic acid (PFOS, PFOA)	(EU) 2019/1021	In-house method, LC-MS analysis	Permissible limit of PFOS: 0.1% (article); PFOA: 0.025 mg/kg and 1 mg/kg for PFOA related compounds	SR 814.81 Annex 1.16	< 0.001% of PFOS
11	Flame retardants * only when treated	EU REACH Annex XVII Entry 8, Entry 7, Entry 4,	In-house method; GS-MS/ GC-NPD/MS / LC-MS analysis	PBB/TRIS/TEPA: Ban on use	SR 814.81 Annex 1.1; 1.2; 1.9 of Art. 3	Tetra/penta/hexa/hept BDE: 10 mg/kg Octa BDE: 1000 mg/kg TRIS/TEPA: Ban on use
13	PAH (REACH)* Annex I (plastic as main material)	EU REACH Annex XVII Entry 50	AfPS GS 2019:01 PAK	Permissible limit as 1 mg/kg each (of 8 PAHs)	SR 814.81 Annex 2.9, Number 2e	each < 1 mg/kg
14	Phthalate plasticiser* (plastic) Annex I	EU REACH Annex XVII Entry 51	Extraction with org. solvent /GC or LC/MS EN ISO 14389	Individual or Sum of DEHP, BBP, DBP and DIBP – 0.1%	SR 814.81 Annex 1.17, point 5	DEHP+DBP+BBP, DIBP Ban on use ≤ 0.1%

2. Varnish and coatings						
15	Lead in varnish and paints	EU REACH Annex XVII Entry 63	DIN EN ISO 11885, ICP-OES	500 mg/kg	SR 814.81 (ORRChem) Annex 2.8; point 2	Plastic: 100 mg/kg
16	Cadmium, total content	EU REACH Annex XVII Entry 23	DIN EN ISO 11885, ICP-OES	100 mg/kg	SR 814.81 Annex 2.8; point 2	Plastic: 100 mg/kg
3. Wood parts						
17	Dimethyl fumarate	EU REACH Annex XVII Entry 61	GC MS after extraction	Prohibited = 0.1 mg/kg	SR 814.81 Annex 2.4 point 2.2	Prohibited = 0.1 mg/kg
18	Pentachlorophenol (PCP)	(EU) 2019/1021	ASE or KOH extraction, provision § 64 LFGB B 82.02-08 (mod)	5 mg/kg per substance	SR 814.81 Annex 1.2, Number 3 a-e	5 mg/kg per substance (for wood objects)
19	Wood preservatives 1. Arsenic or arsenic compounds 2. Tar oils a. creosote (CAS no. 8001-58-9); b. creosote oil (CAS no. 61789-28-4); c. distillates (coal tar), naphthalene oils (CAS no. 84650-04-4); d. creosote oil, acenaphthene fraction (CAS no. 90640-84-9); e. distillates (coal tar), upper (CAS no. 65996-91-0); f. anthracene oil (CAS no. 90640-80-5); g. tar acids, coal, crude (CAS no. 65996-85-2); h. creosote, wood (CAS no. 8021-39-4); i. low-temperature tar oil (CAS no. 122384-78-5).	§ 30 LFGB	GC-MS	treated wood may not be placed on the market	SR 814.81 Annex 2.4	Ban on use treated wood may not be placed on the market

4. Metal parts						
20	Nickel release (for metals with direct and long term skin contact)	EU REACH Annex XVII Entry 27	EN 1811	<0.5 µg/cm ² /week	SR 817.023.41 (EDI) Art. 2, paras. 1, 2	<0.5 µg/cm ² /week
21	Cadmium (Cd), total amount	EU REACH Annex XVII Entry 23	DIN EN ISO 11885	100 mg/kg	SR 817.023.41 Art. 2; 2a	100 mg/kg
22	Lead (Pb), total amount	EU REACH Annex XVII Entry 63	DIN EN SIO 11885,	500 mg/kg	SR 817.023.41 Art. 2; 2b	500 mg/kg
5. Textile parts						
23	Dimethyl fumarate (DMF)	EU REACH Annex XVII Entry 61	GC MS after extraction	Prohibited = 0.1 mg/kg	SR 814.81 (ORRChem) Annex 2.4, Number 2.2	Prohibited = 0.1 mg/kg (applies in particular to leather)
24	Organotin compounds (with direct skin contact)	EU REACH Annex XVII Entry 20	GC/MS analysis, EN ISO 17353	TBT, DBT, TPT, DOT < 0.1%	SR 817.023.41 Art. 22	DOT < 1 mg/kg
25	Formaldehyde	EU REACH Annex XVII Entry 72	Textile: ISO 14184-1 Leather: ISO 17226-2e (UV method)	Baby: 16 mg/kg Permissible limit as 75 mg/kg (prolonged skin textiles)	SR 817.023.41	/
26	Azo dyes only with skin contact (for textile, leather)	EU REACH Annex XVII Entry 43	Textile: EN ISO 14362-1/-3:2017; Leather: EN ISO 17234-1:2015 / EN ISO 17234-2:2011	Per substance 30 mg/kg	SR 817.023.41 Art. 21	Per substance 30 mg/kg
27	Perfluorooctanesulfonic acid, perfluorooctanoic acid (PFOS, PFOA) (for coating only)	(EU) 2019/1021	In-house method, LC- MS analysis	Textile/ coated material: 1 µg/m ²	SR 814.81 (ORRChem) Annex 1.16	< 0.001% of PFOS

28	Flame retardants – only when treated	EU REACH Annex XVII Entry 8, Entry 7, Entry 4	In-house method; GC-MS/ GC-NPD/MS £ /LC-MS analysis	PBB/TRIS/TEPA: Ban on use	SR 814.81 Annex 1.1; 1.2; 1.9 of Art. 3	Tetra/penta/hexa/hept BDE: 10 mg/kg Octa BDE: 1,000 mg/kg TRIS/TEPA: Ban on use
29	PAH (REACH)* Annex I (plastic as main material)	EU REACH Annex XVII Entry 50	AfPS GS 2019:01 PAK	Adults: PAH per < 0.5 mg/kg Total 15 PAH < 10 mg/kg Children: PAH per < 0.2mg/kg Total 15 PAH < 5 mg/kg	SR 814.81 Annex 2.9, section 2 e	Adults: each < 0.5 mg/kg Children: per < 0.2 mg/kg
6. Physical requirements						
30	Waterproof (textile)	Internal Manor quality requirements	DIN EN ISO105-E01	Note 3-4 (bleeding) Note 4 (colour)	/	/
31	Lightfastness (textile)	Internal Manor quality requirements	DIN EN SO105-B02	Note 4	/	/
32	Water-repellent properties	Internal Manor quality requirements	DIN EN 24920	Note 4	/	/
33	Corrosion resistance for metal parts	Internal Manor quality requirements	DIN EN ISO 20344 Chapter 5.6.1	resistant	/	/
7. Packaging						
34	Heavy metals in the packaging (Cd, Pb, Hg, Cr)	94/62/EC	/	100 mg/kg (total)	SR 814.81 (ORRChem)	100 mg/kg (total)
35	Dimethyl fumarate	EU REACH Annex XVII Entry 61	GC-MS after extraction	Permissible limit is 0.1 mg/kg	SR 814.81 Annex 2.4, number 2.2	Prohibited = 0.1 mg/kg

16 PPE (Personal Protective Equipment)

16.1 Scope of application and labelling

16.1.1 Scope of application pursuant to SR 930.115

Regulation on Security of Personal Protective Equipment:

PPE is defined as equipment pursuant to Art. 3 of Regulation EU 2016/425.

PPE covers:

- a. equipment designed and manufactured to be worn or held by a person for protection against one or more risks to that person's health or safety;
- b. interchangeable components for equipment referred to in point a) which are essential for its protective function;
- c. connexion systems for equipment referred to in point a) that are not held or worn by a person, that are designed to connect that equipment to an external device or to a reliable anchorage point, that are not designed to be permanently fixed and that do not require fastening works before use.

Not covered by this Regulation:

1. PPE designed and manufactured specifically for use by the armed forces or in the maintenance of law and order (helmets, shields, etc.)
2. PPE for self-defence (aerosol canisters, personal deterrent weapons, etc.) with the exception of PPE intended for sporting activities;
3. PPE designed and manufactured for private use against:
 - Atmospheric conditions that are not of an extreme nature
 - damp and water (dish-washing gloves, etc.)
4. PPE for exclusive use on seagoing vessels or aircraft that are subject to the relevant international treaties applicable in Member States
5. PPE for head, face or eye protection of users, that is covered by Regulation N. 22 of the United Nations Economic Commission for Europe on uniform provisions concerning the approval of protective helmets and their visors for drivers and passengers of motorcycles and mopeds.

16.1.2 Labelling pursuant to SR 930.11 Federal Act on Product Safety (PrSG)

- Manufacturer's information/distributor: Name, address
- Product identification information
- Warning and safety instructions
- Operating instructions
- In at least one official language (German, French, Italian)

16.1.2.1 Furthermore, the specific hazard potential of a product must correspond to:

- a) Its labelling and presentation;
- b) The packaging and instructions for its assembly, installation and maintenance;
- c) Warnings and safety notices;
- d) Instructions for use and operating instructions and information on their disposal;
- e) Any other product-related data or information.

16.1.2.2 Additional labelling and warnings for helmets

If packaging is available, then on the packaging:

- European test standard number 'DIN EN 1078'
- Name, address of the manufacturer
- Information on the type of helmet (for cyclists, roller skaters, skateboarders)
- **Warning:** 'This helmet should not be used by children while climbing or in other activities where there is a risk of hanging or strangulation should the child become trapped.'

On the product itself:

- a) number of this European Standard;
- b) name or trademark of the manufacturer;
- c) designation of the model;
- d) designation, which shall be one or more of the following: Helmet for pedal cyclists, skateboarders or *roller skaters*;
- e) size or size range of the helmet, quoted as the circumference (in centimetres) of the head which the helmet is intended to fit;
- f) weight of the helmet
- g) year and quarter of manufacture;
- h) following text:
 - "Warning! This helmet should not be used by children while climbing or doing other activities when there is a risk of strangulation/hanging if the child gets trapped with the helmet."
 - In addition, if the helmet has components made of material which are known to be adversely affected
 - by contact with hydrocarbons, cleaning fluids, paints, transfers or other extraneous additions, the
 - helmet shall carry an appropriate warning.
 - If there is a consumer sales packaging, the information specified in a), b), d) and h) shall also be
 - given on that package. The text shall be of minimum font size 12.

16.2 Declaration of conformity

1. The declaration of conformity shall certify that:
 - a) A product meets the essential health and safety requirements; and
 - b) The conformity assessment has been correctly carried out.
2. The declaration of conformity shall be issued by the manufacturer or by his representative in Switzerland.
3. If the product is subject to several regulations requiring a conformity assessment, a single declaration of conformity may be issued.
4. PPE is accompanied either by a copy of the EU declaration of conformity or by the internet address at which the EU declaration of conformity can be accessed.

16.2.1 **Declaration of Conformity for Personal Protective Equipment (PPE)**
pursuant to Annex 2 SR 930.111 (product safety)

A. Principles

The Declaration of Conformity for PPE must include the following information:

1. Name and address of the manufacturer or its agent established in Switzerland;
2. Description of the product;
3. All relevant regulations with which the product complies;
4. Name and function of the signatory authorised to sign the declaration in a legally binding manner for the manufacturer or its agent established in Switzerland.

B. Where applicable, the Declaration of Conformity must include the following information:

1. Name and address of the conformity assessment body and number of the
2. type approval or certificate of conformity;
3. Name and address of the conformity assessment body that
4. has communicated the documentation only according to Annex 1;
5. References of the standards used pursuant to Art. 6 PrSG;
6. Other technical standards and specifications used;
7. A declaration that the product in question complies with the type;
8. A declaration outlining which procedures were used to ensure compliance with the type pursuant to Annex 1.

16.3 **Technical documentation**

Pursuant to Annex 3, **SR 930.111** (product safety):

For PPE, the distributor must be able to present the following documentation within a reasonable period:

- a. **overall and detailed plans of the PPE** accompanied where appropriate by calculation notes and the results of prototype tests so far as is necessary for the verification of compliance with the basic requirements;
- b. an exhaustive list of the basic **safety requirements and the harmonised standards** or other technical specifications taken into account in the design of the model.

Comments:

The new European PPE regulation came into force on 20 April 2016.

Official name: 'Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Directive 89/686/EEC' and has a **transitional basis of two years**. Effective 21 April 2018, the PPE Directive will be repealed and the new PPE Regulation will be valid as of this date.

17 Products with food contact

17.1 Legal requirements

Legal requirements for products with food contact in Switzerland

No.	Regulation
817.023.21	Ordinance on the Utility Articles
817.02	Ordinance on the Foodstuffs and Utility Articles
817.022.31	Ordinance on the additives permitted in foodstuffs (Additive Regulation)
814.81	Ordinance on the Reduction of Risks relating to the Use of Certain Particularly Dangerous Substances, Preparations and Articles (Chemical Risk Reduction Ordinance, ORRChem)
817	Federal Act on Foodstuffs and Utility Articles
930.11	Federal Act on product safety
813.1	Federal Act on Protection against Dangerous Substances and Preparations (Chemical Act)
813.11	Regulation on Protection against Dangerous Substances and Preparations (Chemical regulation)
813.12	Ordinance on the Placing on the Market and Handling of Biocidal Products (Ordinance on Biocidal Products)
817.025.21	Ordinance on the implementation of foodstuffs legislation
944.021	Regulation on the declaration of wood and wood products
946.513.8	Regulation concerning the placing goods produced by foreign technical regulations and their monitoring on the market
946.51	Federal Law on Technical Barriers to Trade
No.	Regulation EU / when a document of conformity (DoC) has to be issued
No 10/2011	Plastics
No 450/2009	Active and intelligent materials
No 1895/2005 No 1935/2004 84/500/EEC	Epoxy-derived Cellophane and ceramics
No 10/2001 No 282/2008	Recycled plastics
No 2018/213	Bisphenol A in paints and coatings

17.2 Labelling and recycling


17.2.1 Labelling and product identification:

Information and labelling required by law **include:** (SR 946.51)

- labelling,
- packaging instructions,
- package insert,
- instructions for use,
- user manuals,
- safety datasheets

Labels must include: (817.02 LGV Art.33)

1. Information for the consumer:

- For example, the formulation 'for food' or a suitable pictogram 
- Exemption: not required when the product is clearly intended for food;
- Position: On the packaging, a label or a tag

2. If necessary: Additional information, such as how the product should be used

3. Mandatory (FDHA):


Name and address of the **manufacturer, importer or seller**

- in a clearly visible location;
- in legible and indelible writing;
- in at least one of the official languages.
- Position: Directly on the product or, in the event this is not technically possible, on a label/tag.
















See also the duty to declare for biocides and timber declaration for corresponding products.

References that the product heals, alleviates or prevents diseases (e.g. medical or therapeutic properties, disinfectant or anti-inflammatory effects, medical recommendations) are **prohibited**.

4. Produktkennzeichen für Produkte mit LM Kontakt, Verpackungen und Behälter (falls erforderlich)

Product/ symbol	description	EU directive	Swiss ordinance
	Symbol for foodstuff commodity statement: „the item is suitable for food contact“ alternative: text " for foodstuff "	1) Binding self declaration 2) EG 1935/2004 3) LFGB (foodstuff commodities)	SR 817.02 LGV (Art.33) – mandatory!
Warnings for drinking bottles	Drinking bottles for babies and toddlers must bear a warning label, that warns about dental damages caused by continuous consumption (continuous sucking) of sweetened or sweet and sour beverages. The label must be drafted in the three official languages of Switzerland.	LFGB (foodstuff commodities)	SR 817.023.41 (EDI) (Art. 14b)

17.2.2 Recycling symbols

Symbol	Description	Use for	Swiss Regulations
	For cardboard		
	For paper		
	For bags		
	For plastic sheets		
	PET or PETE Polyethylenterephthalate	Polyester fibers, foils, bottles for food and other liquids, food packaging	
	HDPE High-Density Polyethylene	Plastic bottles, dustbins, plastic tubes, artificial wood	
	PVC Polyvinylchloride	Window frames and tubes	SR814.81 annex 2.9 Foam plastics and items, that contain recycling-PVC must contain: « Contains recycling-PVC » or with pictogram
	LDPE Low-Density Polyethylene	Plastikbags, buckets, soap dispensers, plastic tubes, foils	
	PP / Polypropylene	Food packaging ; DVD- und Blu-ray-covers	
	PS Polystyrene	toys, plant pots, videotapes, CD-covers, ashtrays, suitcases, expanded polystyrene, food packaging	
	Other plastics like Polycarbonate (PC), Polyamide (PA), Acrylnitrile-Butadien-Styrene (ABS), Polymethylmethacrylate (PMMA), Polylactide (PLA)		
	PAP corrugated cardboard	packaging	
	Other cardboard	packaging	
	paper	Newspapers, magazines	
	wood		

17.3 Term and scope of application

Materials:	Articles:
Ceramic, porcelain, enamel	Plates, cans, bowls
Glass articles	Cups, drinking bottles
Plastic	Bottles, cups, lids
Metal, silverware	Cutlery
Rubber, silicone	Jugs, tins, sieves
Paper	Pots, containers, skillets
Cellophane	Insulated containers
Wood	Cellophane for food and other

Plastics (SR 817.023.21 (EDI), art. 10)

- consisting exclusively or from two or more layers of plastic
- polymers from monomers/other raw materials
- chemical modifications of natural macromolecules

Not plastic:

- varnished or unvarnished cellulose film
- paper and cardboard, whether modified or not by the addition of plastics
- ion-exchange resins
- elastomers and natural and synthetic rubber
- surface coatings obtained from: paraffin wax including synthetic paraffin wax, micro-crystalline wax, mixtures of waxes with each other or with plastic.

17.3.1 General requirements for all types of material:

Paraffins and waxes (SR 817.023.21 art. 28)

Paraffins and waxes manufactured for the direct packaging of food must:

- a. comply with the requirements of the currently valid *Pharmacopoea Helvetica*;
- b. be free of carcinogenic substances.

Colourants

The following may be used to paint parts that may come into contact with food:

- a. colourants approved for food pursuant to SR 817.022.31 (ZUV);
- b. b. barium sulphate;
- c. c. barite varnish that does not include barium carbonate and water-soluble barium compounds;
- d. d. chromium III oxide;
- e. e. copper and its alloys.

17.4 Product-specific requirements / Food contact

Requirements							
No.	Requirement	EU legal basis	Method	Limit	Materials	Switzerland	Limit
Plastics general							
1	Halogenated diarylalkanes - monomethyl-tetrachloro-diphenyl methane - monomethyl-dichloro-diphenyl methane - monomethyl-dibromo-diphenyl methane (CAS no 76253-60-6/No 99688-47-8)	/	/	/	Rubber, plastic All objects	SR 814.81 ORRChem Annex 1.2, para. 1, no. 3	Ban on use
2	Octabromodiphenyl ether (with the molecular formula C ₁₂ H ₂ Br ₈ O)	/	/	/			0.1% / Ban on use
3	5-Chloro-2-(4-chlorophenoxy)phenol (CAS no: 3380-30-1) Benzoic acid (CAS no: 65-85-0) Bromoacetic Acid (CAS no: 79-08-3) Decanoic acid (CAS no: 334-48-5) Glutaraldehyde (CAS no: 111-30-8) Iodine (CAS no: 7553-56-2) Octanoic acid (CAS no: 124-07-2) Isopropyl alcohol (CAS no: 67-63-0) Hydrogen peroxide (CAS no: 7722-84-1)	/	/	/	All objects	SR 813.12 biocides Annex 2	Ban on use
4	Lead (Pb), total content	(EC) No. 1907/2006, § 30 LFGB	DIN EN ISO 11885, ICP-OES	must not contain (< 2 mg/kg)	plastics	SR 814.81	Must not contain; in varnish max. 0.01%/

Requirements							
No.	Requirement	EU legal basis	Method	Limit	Materials	Switzerland	Limit
5	Cadmium (Cd), total content	(EC) No. 1907/2006, § 30 LFGB	DIN EN ISO 11885, ICP-OES	must not contain (< 2 mg/kg)	plastics	SR 814.81	Must not contain; in varnish max. 0.01%/
6	Colour release	Recommendation of BfR	24th Communication on the testing of plastics, BGBl 15 (1972) 285	no colour release	Coloured plastics, silicone, rubber with food contact	SR817.02	No colour release
7	Overall migration	(EU) 10/2011	EN 1186	≤ 10 mg/dm ²	Plastics	SR 817.023.21 (EDI) *new since 2017	≤ 10 mg/dm ² *deviation for infants and toddlers
8	Polycyclic aromatic hydrocarbons (PAH)	No. 1907/2006 and § 30 LFGB	AfPS GS 2019:01	must not contain (each < 0.2 mg/kg)	Plastics	SR 817.023.21	Must not contain Each < 0.2 mg/kg
9	Specific migration of PAH	(EU) 10/2011	DIN 13130-1, GC-MS	< 0.01 mg/kg food simulant	All items	SR 817.023.21	Not detectable < 0.01 mg/kg food simulant
10	Sensory test	(EC) 1935/2004	DIN 10955	distinct influence ≥ 2.5	all items	SR 817.02 (LGV)	Impermissible impairment from evaluation > 2.5
11	Specific migration of lead (Pb), cadmium (Cd), nickel (Ni) and chromium (Cr)	Decree of the Ministry of Trade of Finland	EN 13130-1, ICP-OES	≤ 0,5 mg/dm ² (Pb) ≤ 0,1 mg/dm ² (Cd) ≤ 2 mg/dm ² (Ni) ≤ 2 mg/dm ² (Cr)	Plastics	/	/
12	Phthalates [18] acc. to EU 10/2011	(EU) 10/2011	GC-MS after extraction	BBP, DEHP, DIDP, DINP: ≤ 0,1% DBP: ≤ 0,05% Additionally specific migration limits are defined	Plastics	SR 817.023.21	Total 30mg/kg (except for food for babies and toddlers)
13	Primary aromatic amines	(EU) 10/2011	DIN 13130, UV/Vis, LC/MSMS	(EU) 10/2011	Plastics	SR 817.023.21 (EDI)	< 10 µg/l

Requirements																																																									
No.	Requirement	EU legal basis	Method	Limit	Materials	Switzerland	Limit																																																		
14	Specific migration of metals	EU 10/2011	EN 13130-1, ICP-OES	<table border="0"> <tr> <td>Heavy Metal</td> <td>Limit (mg/kg)</td> </tr> <tr> <td>Aluminium (Al)</td> <td>1.0</td> </tr> <tr> <td>Ammonium</td> <td>-</td> </tr> <tr> <td>Antimony (Sb)</td> <td>0.04</td> </tr> <tr> <td>Arsenic (As)</td> <td>ND</td> </tr> <tr> <td>Barium (Ba)</td> <td>1.0</td> </tr> <tr> <td>Cadmium (Cd)</td> <td>ND (0.002)</td> </tr> <tr> <td>Calcium (Ca)</td> <td>-</td> </tr> <tr> <td>Chromium (Cr)</td> <td>ND (0.01)</td> </tr> <tr> <td>Cobalt (Co)</td> <td>0.05</td> </tr> <tr> <td>Copper (Cu)</td> <td>5.0</td> </tr> <tr> <td>Europium (Eu)</td> <td>0.05</td> </tr> <tr> <td>Gadolinium (Gd)</td> <td>0.05</td> </tr> <tr> <td>Iron (Fe)</td> <td>48.0</td> </tr> <tr> <td>Lanthanum (La)</td> <td>0.05</td> </tr> <tr> <td>Lead (Pb)</td> <td>ND</td> </tr> <tr> <td>Lithium (Li)</td> <td>0.6</td> </tr> <tr> <td>Magnesium (Mg)</td> <td></td> </tr> <tr> <td>Manganese (Mn)</td> <td>0.6</td> </tr> <tr> <td>Mercury (Hg)</td> <td>ND</td> </tr> <tr> <td>Nickel (Ni)</td> <td>0.02</td> </tr> <tr> <td>Potassium (K)</td> <td>-</td> </tr> <tr> <td>Sodium (Na)</td> <td>-</td> </tr> <tr> <td>Terbium (Tb)</td> <td>0.05</td> </tr> <tr> <td>Zinc (Zn)</td> <td>5.0</td> </tr> </table>	Heavy Metal	Limit (mg/kg)	Aluminium (Al)	1.0	Ammonium	-	Antimony (Sb)	0.04	Arsenic (As)	ND	Barium (Ba)	1.0	Cadmium (Cd)	ND (0.002)	Calcium (Ca)	-	Chromium (Cr)	ND (0.01)	Cobalt (Co)	0.05	Copper (Cu)	5.0	Europium (Eu)	0.05	Gadolinium (Gd)	0.05	Iron (Fe)	48.0	Lanthanum (La)	0.05	Lead (Pb)	ND	Lithium (Li)	0.6	Magnesium (Mg)		Manganese (Mn)	0.6	Mercury (Hg)	ND	Nickel (Ni)	0.02	Potassium (K)	-	Sodium (Na)	-	Terbium (Tb)	0.05	Zinc (Zn)	5.0	Plastics	SR 817.023.21 (EDI)	Aluminium: 1.0 mg/kg Barium: 1.0 mg/kg Cobalt: 0.05 mg/kg Copper: 5.0 mg/kg Iron: 48.0 mg/kg Lithium: 0.6 mg/kg Manganese: 0.6 mg/kg Zinc: 5.0 mg/kg
Heavy Metal	Limit (mg/kg)																																																								
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Zinc (Zn)	5.0																																																								
Polypropylene (PP)																																																									
15	Total content of chromium (Cr), Vanadium (V), Hafnium (Hf), Zirconium (Zr)	Recommendation of BfR VII	DIN EN ISO 11885, ICP-OES	≤ 10 mg/kg (Cr) ≤ 20 mg/kg (V) ≤ 100 mg/kg (Zr) ≤ 100 mg/kg (Hf)	plastic PP	/	/																																																		

Requirements							
No.	Requirement	EU legal basis	Method	Limit	Materials	Switzerland	Limit
Polyamide (PA)							
16	Specific migration of caprolactame	(EU) 10/2011	DIN 13130, LC-MS/MS	≤ 15 mg/kg food simulant	plastic PA	SR 817.0.23.21	≤ 15 mg/kg food simulant
17	Specific migration of hexamethylene diamine	(EU) 10/2011	DIN 13130, LC-MS/MS	≤ 2.4 mg/kg food simulant	plastic PA	SR 817.0.23.21 (EDI)	≤ 2.4 mg/kg food simulant
18	Specific migration of primary aromatic amines	(EU) 10/2011	DIN 13130, UV/Vis oder LC-MS/MS DIN 13130, UV/Vis or LC-MS/MS	not detectable (<0.01 mg/kg food simulant)	plastic PA	SR 817.0.23.21	Not detectable (< 0.01 mg/kg food simulant)
Polyethyleneterephthalate (PET)							
19	Catalyst residues (Co, Ga, Ge, Li, Mn, P, Pb, Sb, Ti, Zn)	Recommendation of BfR VII	DIN EN ISO 11885, ICP-OES	depends on element	plastic PET	/	/
20	Specific migration von acetaldehyde	(EU) 10/2011	DIN 13130, HPLC-UV	≤ 6 mg/kg food simulant	plastic PET	SR 817.0.23.21	≤ 6 mg/kg food simulant
21	Specific migration of antimony (Sb)	(EU) 10/2011	DIN 13130, ICP-OES	≤ 0.04 mg/kg food simulant	plastic PET	SR 817.0.23.21	≤ 0.04 mg/kg food simulant
22	Specific migration of ethylenglycole and diethylenglycole	(EU) 10/2011	DIN 13130, GC-FID	sum ≤ 30 mg/kg food simulant	plastic PET	SR 817.0.23.21	Sum ≤ 30mg/kg food simulant
23	Specific migration of formaldehyde	(EU) 10/2011	DIN 13130, UV/Vis	≤ 15 mg/kg food simulant	plastic PET	SR 817.0.23.21	≤ 15 mg/kg food simulant
24	Specific migration of terephthalic acid and isophthalic acid (IPA)	(EU) 10/2011	DIN 13130, IC	≤ 7.5 mg/kg food simulant (TPA) / ≤ 5 mg/kg food simulant (IPA)	plastic PET	SR 817.0.23.21	≤ 7.5 mg/kg food simulant (TPA) ≤ 5 mg/kg food simulant (IPA)
25	Specific migration of Bisphenol A (CAS 80-05-7)	EU 10/2011	DIN 13130, HPLC-UV	<0.05 mg/kg	Plastic PET	SR 817.023.21	≤ 0.6 mg/kg

Requirements							
No.	Requirement	EU legal basis	Method	Limit	Materials	Switzerland	Limit
Polystyrene (PS)							
26	Butadiene, total content	(EU) 10/2011	HS-GC-MS	≤ 1 mg/kg	plastic PS	SR 817.023.21 (EDI)	n.d. = 0,02 SML = n.d. (spezific migration limit) QM (max) ≤1 mg/kg
27	volatile organic matter	Recommendation of BfR V, VI	48. Communication BGBl. 25 (1982) 334	≤ 15 mg/dm ²	plastic PS	/	/
Polyvinylchloride (PVC)							
28	Residual vinylchloride	(EU) 10/2011	HS-GC-MS	≤ 1 mg/kg	plastic PVC	/	/
29	Phthalates [18] acc. to EU 10/2011	(EU) 10/2011	GC-MS after extraction	BBP, DEHP, DIDP, DINP: ≤ 0,1% DBP: ≤ 0,05% Additionally specific migration limits are defined	PVC- PVDC foils	SR 817.023.21	Phthalates: Prohibited
30	Specific migration of plasticizers	EU 10/2011	DIN 13130, GC_MS	Dependant on the respective plasticizer	Plastic PVC	SR 817.023.21	Dependant on the respective plasticizer
31	Specific migration of Bisphenol A (CAS 80-05-7)	EU 10/2011	DIN 13130, HPLC-UV	≤ 0.05 mg/kg	Plastic PVC	SR 817.023.21	≤ 0.6 mg/kg
32	Specific migration of Vinylchloride	EU 10/2011	DIN 13130, GC-MS	Not detectable (< 0.01 mg/kg)	Plastic PVC	SR 817.023.21	Not detectable (< 0.01 mg/kg)
Acrylonitrile butadiene styrene (ABS)							
33	Volatile organic matter	Recommendation of BfR V, VI	48. Communication BGBl. 25 (1982) 334	≤ 15 mg/sqcm	plastic ABS	/	/
34	Specific migration of acrylonitrile	(EU) 10/2011	DIN 13130, HS-GC-MS	not detectable (< 0.01 mg/kg food simulant)	plastic ABS	SR 817.023.21	not detectable (< 0.01 mg/kg food simulant)

Requirements							
No.	Requirement	EU legal basis	Method	Limit	Materials	Switzerland	Limit
35	Specific migration of butadiene	(EU) 10/2011	DIN 13130, HS-GC-MS	not detectable (< 0.01 mg/kg food simulant)	plastic ABS	SR 817.023.21 (EDI)	not detectable (< 0.01 mg/kg food simulant)
36	Butadien, total amount	EU 10/2011	HS-GC-MS	≤ 1 mg/kg	Plastic PS, ABS	SR 817.023.21	≤ 1 mg/kg
Polyurethane (PU)							
37	Isocyanates	(EU) 10/2011	EN 13130-8	sum ≤ 1 mg/kg	plastic PU	SR 817.023.21	Sum ≤ 1 mg/kg
Polycarbonate (PC)							
38	Specific migration of bisphenol A	(EU) 10/2011	DIN 13130, HPLC-DAD/FLD	≤ 0.05 mg/kg food simulant	plastic PC	SR 817.023.21	≤ 0.6 mg/kg
Melamine							
39	Specific migration of formaldehyde	(EU) 10/2011	DIN 13130, UV/Vis	≤ 15 mg/kg food simulant	Formaldehyde- Melamine resin	SR 817.023.21	≤ 15 mg/kg food simulant
40	Specific migration of melamine	(EU) 10/2011	DIN 13130, LC-MS/MS	≤ 2.5 mg/kg food simulant	Formaldehyde- Melamine resin	SR 817.023.21	≤ 2.5 mg/kg food simulant
Silicones							
41	Extractable components	Recommendation of BfR	BfR XV, gravimetrically	$\leq 0.5\%$	silicone	SR 817.023.21, Art 30	$\leq 0.5\%$
42	Volatile organic components	Recommendation of BfR	BfR XV, gravimetrically	$\leq 0.5\%$	silicone		
43	Peroxides	Recommendation of BfR DGCCRF No. 2004/64	BfR XV	not detectable	silicone	SR 817.023.21, Art 30	$\leq 0.5\%$
44	Organo tin components	§ 30 LFGB	ISO 17535	0.5/1.0 mg/kg (no explicit limit)	silicone		

Requirements							
No.	Requirement	EU legal basis	Method	Limit	Materials	Switzerland	Limit
Rubber							
45	Overall migration	Recommendation of BfR XXI	EN 1186	depends on food simulant and category	Rubber	SR 817.023.21 (EDI)	10 mg/dm ²
46	Migratable N-Nitrosamines	Recommendation of BfR XXI French arrêté du 09/11/1994	BfR Recommendation XXI part BII 2.5.2.2.5.2	≤ 1.0 µg/sqcm (BfR Recommendation XXI) ≤ 1.0 µg/sqcm (French arrêté du 09/11/1994)	Rubber	SR 817.023.21	0.1 mg/kg
47	Migratable N-nitrosatable substances	French arrêté du 09/11/1994	BfR Recommendation XXI part BII 2.5.2.2.5.2	≤ 10 µg/sqcm	Rubber	SR 817.023.21	N-nitrosatable substances: Not detected (Detection limit = 0.1 mg/kg)
48	Primary aromatic amines	Recommendation of BfR XXI	DIN 13130, UV/Vis	≤ 20 µg/l	Rubber	SR 817.023.21	≤ 20 µg/l
49	Specific migration of formaldehyde	Recommendation of BfR XXI	Migration: DIN 13130-1; Measurement: GC-MS	max. 3 µg/ml	Rubber		
50	Zinc, total amount	Recommendation of BfR XXI	Analysis with ICP-OES after digestion	Max. 3%	Rubber		
Paper							
51	Azodyes	Recommendation of BfR XXXVI	DIN EN 14362	< 30 mg/kg	Paper	/	/
52	Benzophenone	Recommendation of BfR XXXVI	EN 645 or EN 647, GC-MS	≤ 0.6 mg/kg	Paper	/	/
53	Bisphenole A	Recommendation of BfR XXXVI	EN 645 or EN 647, HPLC-UV	0.05 mg/kg	Paper	/	/

Requirements							
No.	Requirement	EU legal basis	Method	Limit	Materials	Switzerland	Limit
54	Extractable heavy metals (Pb, Cd, Hg, Cr)	Recommendation of BfR XXXVI	EN 645 or EN 647, ICP-OES; CV-AAS	≤ 3 µg/g (Pb) ≤ 0,5 µg/g (Cd) ≤ 0,3 µg/g (Hg) ≤ 0,004 mg/dm ² (Cr III)	Paper	/	/
55	colour resistance	Recommendation of BfR XXXVI	EN 646	grey scale min. 5	Paper	/	/
56	Formaldehyde	Recommendation of BfR XXXVI	EN 645 or EN 647, HPLC-UV	≤ 1.0 mg/sqcm	Paper	/	/
57	Glyoxal	Recommendation of BfR XXXVI	EN 645 or EN 647, HPLC-UV	≤ 1.5 mg/sqdm	Paper	/	/
58	Inhibition zone assays	Recommendation of BfR XXXVI	EN 1104	no inhibition zone	Paper	/	/
59	Isothiazolinones (MIT, BIT, CIT)	Recommendation of BfR XXXVI	EN 645 or EN 647, HPLC-UV	depends on substance	Paper	/	/
60	Monochloropropandiole (MCPD); Dichloropropanole (DCP)	Recommendation of BfR XXXVI	EN 645 or EN 647, HPLC-UV; HPLC-ECD	≤ 12 µg/l (MCPD) ≤ 2 µg/l (DCP)	Paper	/	/
61	Phthalates: DiBP, DBP, DEHP	Recommendation of BfR XXXVI	EN 645 or EN 647, GC-MS	depends on substance	Paper	/	/
62	Primary aromatic amines	Recommendation of BfR XXXVI	EN 645 or EN 647, LC-MS/MS	not detectable (< 0.002 mg/kg)	Paper	/	/
63	Release of optical brighteners	Recommendation of BfR XXXV	EN 648	no release of optical brighteners (grey scale min. 5)	Paper	/	/

Requirements							
No.	Requirement	EU legal basis	Method	Limit	Materials	Switzerland	Limit
Cellophane 1. Uncoated cellulose films; 2. coated regenerated cellulose film with a coating derived from cellulose; 3. plastic-coated regenerated cellulose films							
64	Uncoated cellulose films	/	/			SR 817.023.21 Section 7	only for substances and substance groups listed in SR 817.023.21, annex 6
65	cellulose obtained coating	/	/				only for substances and substance groups listed in SR 817.023.21, annex 7
66	Plastic-coated cellulose films	/	/				Plastic coated cellulose films (before coating) made of substances or substance groups listed in SR 817.023.21, annex 6 coating made of substances or substance groups listed in SR 817.023.21, annex 2
67	Paint and adhesives	/	/				no transition in/ on foods

Requirements							
No.	Requirement	EU legal basis	Method	Limit	Materials	Switzerland	Limit
Metals and alloys							
68	Lead/ cadmium , zinc release	CM/Res (2013)	ICP-MS	depends on metal	Allowed alloy of brass without lead;	SR 817.023.21 Abs.2	Prohibited
69	Tin						Min.90% tin < 0,5 % lead <0,05% cadmium
70	copper						must be equipped with a permanent coating
71	aluminium						10 mg/l
72	metal coating	/	/		Zinc coated metal parts allowed for contact with dry not sour food products	SR 817.023.21 para.2, Art.5	No zinc, no cadmium or its alloy Zinc allowed for dry not sour food products
73	Specific metal release	CM/Res (2013)	ICP-MS	Depends on metal according to CM/RES (2013)	metals	/	/
74	Arsenik, lead, cadmium (material)		ICP-MS	/	metals	SR 817.023.21 para 4, Art. 8	Lead < 0.05% Cadmium 0.01% Arsenik 0.03%

Requirements							
No.	Requirement	EU legal basis	Method	Limit	Materials	Switzerland	Limit
Ceramics and glas, enamel							
75	Lead	BedGgstV 84/500/EEC Title 21 CFR	EN 1388 7086-1 84/500/EEC	Category 1 < 25 mm: 0.8 mg/dm ² Category 2: < 25 mm: 4.0 0.8 mg/dm ² Category 3: > 3 L: 1.5 0.8 mg/dm ²	SR 817.023.21	SR 817.023.21 para 8 , annex 8	Cat. 1: inner depth < 25 mm: 0.8 mg/dm ² Cat . 2: inner depth > 25 mm: 4.0 mg/l Cat. 3: filling volume > 3L: 1.5 mg/l
76	cadmium release			Category 1 < 25 mm: 0.07 0.8 mg/dm ² Category 2: < 25 mm: 0.3 0.8 mg/dm ² Category 3: > 3 L: 0.1 0.8 mg/dm ²			SR 817.023.21 para 8 annex 8
77	Release of zinc, antimony and barium	Ceramics Ordinance of Austria	EN 1388, ICP-OES	Category 1 < 25 mm: Category 2: < 25 mm: Category 3: > 3 L: ≤ 3 mg/l (Zn) ≤ 1 mg/l (SB) ≤ 1 mg/l (Ba)	/	/	/
Wood							
78	Arsenic (As)	EC 1907/2006	DIN EN ISO 11885, ICP-OES	Treated wood is not allowed to be placed on the market (< 10 mg/l)	Wood (especially Bamboo)	SR 814.81 ChemVRR Annex 2.17	25 mg/kg
79	Lead (Pb)	EC 1907/2006	GC-ECD	/	Wood		90 mg/kg
80	Cadmium (Cd)	EC 1907/2006	GC-ECD	/	Wood		50 mg/kg
81	Mercury (Hg)	EC 1907/2006	GC-ECD	/	Wood		25 mg/kg

Requirements							
No.	Requirement	EU legal basis	Method	Limit	Materials	Switzerland	Limit
82	Benzo[a]pyrene (CAS-Nr. 50-32-8)	EC 1907/2006	GC-ECD	/	Wood		0,5 mg/kg
83	Pentachlorophenol (PCP) (CAS-Nr. 87-86-5)	EC 1907/2006 / POPs	GC-ECD	≤ 5 mg/kg	Wood		≤ 5 mg/kg
84	Formaldehyde	EC 1907/2006	DIN EN 717-2	3.5 mg HCHO/m ²	Wood	/	/
85	Wood preservatives: 1. arsenic or arsenic compounds; 2. tar oils	§ 30 LFGB GC-MS	Tar oils: a. creosote (CAS-Nr. 8001-58-9); b. creosote oil (CAS-Nr. 61789-28-4); c. distillates (coal tar), naphthalene oils (CAS-Nr. 84650-04-4); d. creosote oil, acenaphthene fraction (CAS-Nr. 90640-84-9); e. distillates (coal tar), upper (CAS-Nr. 65996-91-0); f. anthracene oil (CAS-Nr. 90640-80-5); g. tar acids, coal, crude (CAS-Nr. 65996-85-2); h. creosote, wood (CAS-Nr. 8021-39-4); i. low-temperature tar oil, alkaline; extract residues (coal) (CAS-Nr. 122384-78-5).		Wood	SR 814.81 ORRChem Annex 2.4	Prohibited Treated wood is not allowed to be placed on the market

17.5 SR 817.023.21 Ordinance of EDI

on materials and articles intended to come into contact with foodstuff (consumer goods ordinance)

Annex 2: List of authorised substances for the production of plastic coatings for consumer goods made of plastics and requirements for those substances

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Annex 4: Provision concerning the evaluation of compliance of migration limits for consumer goods made of plastics

List of food simulants

Assignment of food simulants to foodstuff

Annex 6: List of authorised substances for the production of cellulose films and requirements for those substances

Annex 7: List of authorised substances for the production of coated regenerated cellulose films and requirements for those substances

Annex 8: Limits for the release of lead and cadmium for consumer goods made of ceramics, glass, enamel and similar materials

Annex 9: List of authorised substances for the production of consumer goods made of silicone and requirements for those substances

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Annex 10: List of authorised substances for the production of printing inks and requirements for those substances

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18 Cosmetic products

18.1 Definition and responsibilities

18.1.1 Legal basis

- **Switzerland:** FDHA Ordinance on Cosmetics (VKos; SR 817.023.31; 1 May 2017)
- **Switzerland:** Ordinance on Foodstuffs and Utility Articles (LGV; SR 817.02; 2 May 2017)
- **EU:** harmonised with European Regulation no. 1223/2009 on cosmetic products (11 July 2013)

EU: SN EN ISO 22716:2008-02 Cosmetics – Good Manufacturing Practices (GMP) – Guidelines on Good Manufacturing Practices (ISO 22716:2007)

18.1.2 Definition

“Cosmetic product” means any substance or mixture intended to be placed in contact with the external parts of the human body (epidermis, hair system, nails, lips and external genital organs) or with the teeth and the mucous membranes of the oral cavity with a view exclusively or mainly to cleaning them, perfuming them, changing their appearance, protecting them, keeping them in good condition or correcting body odours. (Art. 2 EN 1223/2009)



- A substance or mixture intended to be ingested, inhaled, injected or implanted into the human body shall not be considered to be a cosmetic product.


Indicative list of products that can be regarded as cosmetics: see Annex 1 (VKos)

18.1.3 Obligations & responsibilities: (Art. 3 VKos)

The manufacturer and the importer must ensure that the cosmetic products they make available on the market meet food law requirements.

18.1.3.1 Obligations of distributors:

- verify the labelling; (see details in Section 2.1);
- check that the required information is present: **the name, company and address** of the manufacturer and importer;
- details of the person responsible in Switzerland (Art. 73 para. 1 LGV);
- the **batch number** (or the reference for identifying the cosmetic product; where this is impossible for practical reasons, such information need appear only on the packaging);
- ensure that the date of minimum durability has not passed;
- guarantee the storage and transport conditions;
- verification of details on labels:
 - the intended function;
 - the date of minimum durability or best before date:
 -  (opt. day), month and year or “best used before the end of (day), month and year”;
 - if minimum durability > 30 months, **an indication of durability after opening:**
 -  months or years,
 - if necessary, an indication of the storage conditions;

- **warnings** and at least the information referred to in Article 54 paragraphs 2–5 LGV; any special precautionary information on cosmetic products for professional use:
 - should stand out clearly from other labelling;
 - position: directly on the label, or where this is impossible for practical reasons, the information shall be mentioned on an enclosed or attached leaflet, label, tape, tag or card;
 - on the container or packaging as a written warning or shown as a pictogram: **reference to enclosed or attached information;**
- 
- **language requirements:** in at least one official language (German, French or Italian);
 - in exceptional circumstances in another language if customers in Switzerland are sufficiently informed about the utility article as a result.

18.1.4 Self-supervision: (Art. 13 VKos)

It must be possible for information to be presented to the cantonal law enforcement authorities for a period of three years:

- a. by the manufacturer from the date the cosmetic products are made available on the market;
- b. by the importer and distributor from the date of delivery of the batch of products.

18.2 Labelling and warnings

18.2.1 Labelling of ingredients

(Art. 8. VKos)-Under the term “Ingredients”, the list of ingredients shall be stated in **descending** order according to quantity. The following rules apply:

- a. Ingredients in concentrations of less than 1% of the mass of the finished product – in any order;
- b. **Colorants:** in any order, after the other ingredients, indicating the CI nomenclature (Colour Index);
- c. **Range of colour shades:** All colorants used in the range may be listed, provided that the words **“may contain”** or the symbol **“+/-”** are added;
- d. **Parfum / Aroma:** perfume and aromatic compositions and their raw materials shall be referred to by the terms **“Parfum”** or **“Aroma”**; the presence of substances, the mention of which is required according to Article 54 para. 2 LGV, shall be indicated in the list of ingredients in addition to the terms **“Parfum”** or **“Aroma”**;
- e. **Nanomaterials:** all ingredients present in the form of nanomaterials shall be clearly indicated in the list of ingredients. The names of such ingredients shall be followed by the word **“Nano”** in brackets;
- f. List of ingredients – harmonised in accordance with the Annex to the Decision 2006/257/EC. In the absence of a common ingredient name, a term contained in a generally accepted nomenclature shall be used.

List of ingredients: directly on the label, or where this is impossible for practical reasons>> the information shall be mentioned on an enclosed or attached leaflet, label, tape, tag or card;
+ a written reference or pictogram on the packaging:

reference to enclosed or attached information;



Soap, bath balls and other small products: list of ingredients on a notice in immediate proximity to the container or packaging.

18.2.2 General labelling

(Art. 9. VKos)- When a cosmetic product is placed on the market, its packaging **and** container shall indicate the following information:

- the intended function, unless it is clear from its presentation;
- **the name, company and address** of the manufacturer, importer or responsible person; may be abbreviated; (in accordance with Article 4 of Regulation [EC] no. 1223/2009);
- the date of minimum durability or best before date:



(opt. day), month and year or “best used before the end of (opt. day), month and year”;

- if minimum durability > 30 months, **an indication of durability after opening:**
(does not apply where the concept of the durability after opening is not relevant)
+ indication of the period of time the product can be used for: (months / years);



- if necessary, an indication of the storage conditions which must be satisfied to guarantee the stated durability;
- the **batch number** (or the reference for identifying the cosmetic product); where this is impossible for practical reasons, such information need appear only on the packaging;
- **warnings** and at least the information referred to in Article 54 paragraphs 2–5 LGV; any special precautionary information on cosmetic products for professional use;
- should stand out clearly from other labelling:
 - position: directly on the label, or where this is impossible for practical reasons, the information shall be mentioned on an enclosed or attached leaflet, label, tape, tag or card;
- on the container or packaging as a written warning or shown as a pictogram:

reference to enclosed or attached information.



For aerosol product, there is additional labelling to follow in Art. 14 in FDHA Ordinance of aerosol dispensers (817.023.61)

18.2.3 Warnings and instructions of use

(Article 54 paragraphs 2–5 LGV)

²The use of the **substances** set out in **Annex III** to Regulation (EC) no. 1223/2009 is only permitted subject to the restrictions on use and application laid down therein and provided that the stipulated warnings are given.

³The use of the **colorants** set out in **Annex IV** to Regulation (EC) no. 1223/2009 is only permitted subject to the restrictions on use laid down therein.

⁴The use of the **preservatives** set out in **Annex V** to Regulation (EC) no. 1223/2009 is only permitted subject to the restrictions on use laid down therein.

⁵The use of the **UV filters** set out in **Annex VI** to Regulation (EC) no. 1223/2009 is only permitted subject to the restrictions on use laid down therein.

18.2.4 Product claims

(Art. 10 VKos) - Text, names, trade marks, pictures and figurative or other signs shall not be used explicitly or implicitly to claim that products have characteristics or functions **which they do not have**.

Cosmetic product claims must be in line with the specified criteria: (Annex 6)

- Compliance with legal requirements
- Truthfulness
- Demonstrability
- Integrity
- Sincerity
- Informed decision-making

The statement that no animal testing was carried out (Art. 10 Section 3)

18.2.5 Information for the public

(Art. 11 VKos) - The following information must be **made easily accessible to the public** by any appropriate means on request:

- a. qualitative composition of the cosmetic product;
- b. quantitative composition of the cosmetic product, limited to hazardous substances in accordance with the version of Regulation (EC) no.1272/2008 specified in Annex 2 Section 1 of the Chemicals Ordinance (ChemO)¹;
- c. in the case of perfume and aromatic compositions, the name and code number of the composition and the identity of the supplier;
- d. existing data on undesirable effects and serious undesirable effects resulting from use of the cosmetic product.

18.3 Compliance

18.3.1 Safety assessment

(Art. 4 VKos) - **New from May 2017** (Article 57 para. 1 LGV):

- As part of the self-supervision process, prior to placing a cosmetic product on the market, a **product information file** shall be compiled and a **safety report** set up containing a **safety assessment** of the product;
- The structure of a cosmetic product safety report shall be prepared in accordance with Annex 5 (VKos);
- Carried out by a qualified specialist in possession of a diploma or other proof of a formal qualification in pharmacy, toxicology, medicine or a similar subject;
- The safety report for cosmetic products containing nanomaterials that do not come under Article 54 paragraphs 2–5 LGV (Section 4.1. of this document) shall contain additional information about the nanomaterials used: see Article 4 Section 7 (VKos).

18.3.2 Product information file

(Art. 5 VKos) - The **product information file** acc. to OFUA, Art. 57, para 1 shall contain the following information and data which shall be updated as necessary:

- a description of the cosmetic product;
- the cosmetic product safety report;
- a description of the method of manufacturing and a statement on compliance with good manufacturing practice;
- where justified by the nature or the effect of the cosmetic product, proof of the effect claimed for the cosmetic product;
- data on any animal testing performed.

written in an official language of the Confederation (German, French or Italian) **or in English**;

the product information file shall be kept for a period of **ten years** following the date on which the last batch of the cosmetic product was placed on the market.

No product information file is required if a product information file was compiled for the cosmetic product abroad, provided that this file meets requirements 3.1 & 2. The distributor must be able to provide the cantonal law enforcement authorities with appropriate proof.

18.3.3 Transitional periods:

(Article 95 LGV & Article 16 VKos) - **Until 30 April 2021**, a safety report in accordance with Article 4 must be provided for the following substances:

- kojic acid (CAS no. 501-30-4);
- essential oils and their ingredients in products which remain on the skin (with the exception of fine fragrance and eau de toilette);
- alpha hydroxy acid in peeling products;
- retinal, retinaldehyd (CAS no. 116-31-4).

18.4 Requirements Cosmetic

18.4.1 Prohibited and partially authorized substances:

(Article 54 paragraphs 1–5 LGV)

1. The substances listed in **Annex II** to Regulation (EC) no. 1223/2009 are **prohibited**.

Exception: (Art. 6 & Art. 7 VKos) entry 358 from Annex II to Regulation (EC) no. 1223/2009 as follows: "Furocoumarines (e.g. trioxysalen [INN], 8-methoxypsoralen, 5-methoxypsoralen), except for normal content in natural essences used. In products that may be exposed to sunlight, furocoumarines shall be below 1 mg/kg in the finished product; natural essences should be dosed accordingly."

2. The use of the **substances** set out in **Annex III** to Regulation (EC) no. 1223/2009 is only permitted subject to the restrictions on use and application laid down therein and provided that the stipulated warnings are given.
3. The use of the **colorants** set out in **Annex IV** to Regulation (EC) no. 1223/2009 is only permitted subject to the restrictions on use laid down therein.
4. The use of the **preservatives** set out in **Annex V** to Regulation (EC) no. 1223/2009 is only permitted subject to the restrictions on use laid down therein.
5. The use of **UV filters** set out in **Annex VI** to Regulation (EC) no. 1223/2009 is only permitted subject to the restrictions on use laid down therein.

CMS substances: the use of **carcinogens**, mutagens and substances toxic to reproduction (CMS substances classified as "carcinogenic", "mutagenic" and/or "toxic for reproduction" in categories 1A, 1B or 2 in accordance with the version of Regulation [EC] no. 1272/2008 specified in Annex 2 Section 1 [ChemO]) is **prohibited** in cosmetic products.

Exception: CMS substances referred to in Sections 2–5 are exempted from the prohibition.

18.4.2 Requirements for tolerance thresholds of prohibited substances

Small quantities of prohibited substances are tolerated if they:

- a. are unintentional and stem from impurities of natural or synthetic ingredients, the manufacturing process, storage or migration from packaging;
- b. are technically unavoidable in good manufacturing practice; and
- c. do not endanger health.

18.4.3 Cosmetic product safety report

(Annex 5 VKos, Art. 4 para. 1) - The cosmetic product safety report shall, as a minimum, contain the following:

Part A: Cosmetic product safety information

1. Quantitative/qualitative composition of the cosmetic product

The qualitative and quantitative composition of the cosmetic product, including chemical identity of the substances (incl. chemical name, INCI, CAS, EINECS/ELINCS, where possible) and their intended function. In the case of perfume and aromatic compositions, description of the name and code number of the composition and the identity of the supplier.

2. Physical/chemical characteristics and stability of the cosmetic product

The physical and chemical characteristics of the substances or mixtures, as well as the cosmetic product.

The stability of the cosmetics product under reasonably foreseeable storage conditions.

3. Microbiological quality

The microbiological specifications of the substance or mixture and the cosmetic product.

Particular attention shall be paid to cosmetics used around the eyes, on mucous membranes in general, on damaged skin, on children under three years of age, on elderly people and persons showing compromised immune responses.

Results of preservation challenge test.

4. Impurities, traces and information about the packaging material

The purity of the substances and mixtures.

In the case of traces of prohibited substances, evidence for their technical unavoidability and safety.

The relevant characteristics of packaging material, in particular purity and stability.

5. Normal and reasonably foreseeable use

The normal and reasonably foreseeable use of the cosmetic product. The reasoning shall be justified in particular in the light of warnings and other explanations in the product labelling.

6. Exposure to the cosmetic product

Data on the exposure to cosmetic product taking into consideration the findings under Section 5 in relation to:

- The site(s) of application;
- The surface area(s) of application;
- The amount of product applied;
- The duration and frequency of use;
- The normal and reasonably foreseeable exposure route(s);
- The targeted (or exposed) population(s). Potential exposure of a specific population shall also be taken into account.

The calculation of the exposure shall also take into consideration the toxicological effects to be considered (e.g. exposure might need to be calculated per unit area of skin or per unit of body weight). The possibility of secondary exposure by routes other than those resulting from direct application should also be considered (e.g. non-intended inhalation of sprays, non-intended ingestion of lip products, etc.).

Particular consideration shall be given to any possible impacts on exposure due to particle sizes.

7. Exposure to the substances

Data on the exposure to the substances contained in the cosmetic product for the relevant toxicological endpoints taking into account the information under Section 6.

8. Toxicological profile of the substances

The toxicological profile of substance contained in the cosmetic product for all relevant toxicological endpoints. A particular focus on local toxicity evaluation (skin and eye irritation), skin sensitisation, and in the case of UV absorption photo-induced toxicity shall be made.

All significant toxicological routes of absorption shall be considered as well as the systemic effects and margin of safety (MoS) based on a no observed adverse effects level (NOAEL) shall be calculated. The absence of these considerations shall be duly justified.

Particular consideration shall be given to any possible impacts on the toxicological profile due to:

- particle sizes, including nanomaterials;
- impurities of the substances and raw material used, and
- interaction of substances.

Any read-across shall be duly substantiated and justified. The source of information shall be clearly identified.

9. Undesirable effects and serious undesirable effects

All available data on the undesirable effects and serious undesirable effects to the cosmetic product or, where relevant, other cosmetic products. This includes statistical data.

10. Information on the cosmetic product

Other relevant information, e.g. existing studies from human volunteers or the duly confirmed and substantiated findings of risk assessments carried out in other relevant areas.

Part B: Cosmetic product safety assessment

1. **Assessment conclusion**
Statement on the safety of the cosmetic product in relation to Article 15 of the Foodstuffs Act of 20 June 2014.

2. **Labelled warnings and instructions of use**
Statement on the need to label any particular warnings and instructions of use in accordance with Article 9 para 1 letter g.

3. **Reasoning**
Explanation of the scientific reasoning leading to the assessment conclusion set out under Section 1 and the statement set out under Section 2. This explanation shall be based on the descriptions set out under Part A. Where relevant, margins of safety shall be assessed and discussed.
There shall be inter alia a specific assessment for cosmetic products intended for use on children under the age of three and for cosmetic products intended exclusively for use in external intimate hygiene.
Possible interactions of the substances contained in the cosmetic product shall be assessed. The consideration and non-consideration of the different toxicological profiles shall be duly justified.
Impacts of the stability on the safety of the cosmetic product shall be duly considered.

4. **Assessor's credentials and approval of Part B**
Name and address, proof of qualification, date and signature of the safety assessor.

19 Packaging

19.1 General

Standards for single materials

19.1.1 **EU individual measures: with food contact**

- Plastics: Ordinance (EC) No. 10/2011 // (SR 817.023.21 (EDI))
- Ceramics: Directive: 84/500/EEC // (SR 817.023.21 (EDI))
- Active und intelligent materials: Ordinance (EC) Nr. 450/2009 // (SR 817.023.21 (EDI))
- Recycled plastics: Ordinance (EC) Nr. 282/2008 // (SR 817.023.21 (EDI))
- Regenerated cellulose: Directive 2007/42/EC // (SR 817.023.21 (EDI))

19.1.2 **Specialist recommendations: with food contact**

- Paper: Recommendations of the German Federal Institute of Risk Assessment (BfR): Nr. XXXVI // (SR 817.023.21 (EDI))
- Metals and alloys: Technical Document CM/Res(2013)9// (SR 817.023.21 (EDI))

19.1.3 **MANOR requirements: with or without food contact**

1. SR 814.81 (ChemRRV): concentration of heavy metals (Lead, cadmium, mercury and chromium VI) = limit < **100mg/kg**
2. SR 814.81 (ChemRRV): Use of **Dimethylfumarate is not allowed**

Mandatory:

- **Plastics:** No portion of PVC (SR 814.81 (ChemRRV) annex 2.9)
- **Wood:** No impregnating agents (SR 814.81 (ChemRRV) annex 2.4)
- **Paper/ cardboard:** No printing inks containing heavy metals (SR 817.023.21 (EDI) section 8)
- **Packaging inks:** Must comply to the standard, see point 3 (SR 817.023.21 (EDI) section 8)

If possible:

- **Plastics:** No PUR foam
- **Wood:** No chipboard panels and plywood
- **Paper/ cardboard:** No composite materials (e.g. cardboard/ plastic)

19.1.4 Packaging inks: (SR 817.023.21 (EDI) article 33)

For packaging without direct contact with foodstuff

Object:

- Binding agents,
- dyestuffs,
- pigments,
- plasticiser,
- solvents,
- drying agents
- other additives;
 - o Layers of packaging inks – thin layers of dried or hardened printing ink or varnish;

Allowed substances:

- Packaging inks are only to be produced from substances listed in the annexes of SR 817.023.21 (EDI) in compliance with the conditions mentioned therein;
- The use of **all further substances not listed** in the annexes **must be reported to the BLV** (Swiss Federal Office for Food Safety and Veterinary affairs)!
















19.1.5 Requirements for polybags (optional)

Must comply to the standard DIN EN 71 – 1 / sector toys. **Additionally** the following has to be taken into account:

- Bags of flexible plastic film used for the outer or inner packaging of toys with an opening width > 38 cm shall have an average foil thickness > 0,038 mm when tested in accordance with 8.25.1(plastic film, thickness).
- Each polybag must be printed on with the following warning:
 - D: Warnung!** Dieser Beutel ist kein Spielzeug. Bitte von Babys und Kleinkindern fernhalten!
Nicht über den Kopf ziehen!
 - E: Warning!** This bag is not a toy. Keep it out of the reach of babies and small children.
- For textile products: Polybags have to be equipped with 2 penetrating ventilation holes (diameter max. 5mm each) for volume reduction.
- Each polybag must be labelled with recycling symbols.

19.1.6 Recycling symbols (if necessary)

According to the German Packaging Ordinance (VerpackV) and to DIN 6120

Symbol	description	use	Switzerland
	For cardboard		
	For paper		
	For bags		
	For plastic foils		
	PET or PETE Polyethylenterephthalat	Polyester fibres, foils, bottles for foodstuff and other liquids, food packaging	
	HDPE High-Density Polyethylen	Plastic bottles, dustbins, plastic tubes, artificial wood	
	PVC Polyvinylchloride	Window frames and tubes	SR814.81 annex 2.9: Foamed materials and products containing recycled -PVC must carry the statement: «Contains recycling-PVC» or with pictogram
	LDPE Low-Density Polyethylen	Plastic bags, buckets, soap dispenser, plastic tubes, foils	
	PP Polypropylene	Food packaging, DVD- and Blu-ray-covers	
	PS Polystyrene	Toys, plant pots, videotapes, CD-covers, ash trays, suitcases, foamed polystyrene, food packaging	
	Other plastics like polycarbonate (PC), polyamide (PA), acrylnitril-butadien-styrene (ABS), Polymethylmethacrylate (PMMA), Polylactide (PLA), u.		
	corrugated cardboard	packaging	
	Other cardboard	packaging	
	Paper	Newspapers, magazines	
	Wood		

20 Quality Manual Part - C

stipulates the general requirements that apply to all products. These apply in addition to the product-specific requirements in Quality Manual Part A and/or Quality Manual Part B.

21 Further Requirements

21.1 Compliance Agreement (CA)

See: www.suppliers.manor.ch

21.2 Amfori BSCI-code of conduct / "Code of Conduct"

Our entrepreneurial and social actions are based on a respectful approach to the environment, society and the economy. As a member of amfori BSCI, Manor attaches great value to sustainable development along the entire value chain. Our suppliers are therefore subject to the requirements set out in the amfori BSCI Code of Conduct (not to be mistaken with the Manor Code of Conduct), which are monitored by independent institutions.

The amfori BSCI Code of Conduct is available for download in several languages on the Manor Suppliers website www.suppliers.manor.ch or directly on the [amfori BSCI website](#).

21.3 Declaration of Conformity toys (electrical)

21.3.1 Electrical appliances and electronic equipment DOC

For all electrical or electronic products, the supplier is required without being so requested to submit a copy of the statutory Declaration of Conformity to the responsible Manor purchasing division when an order is placed by Manor AG. This DOC is preferably written in German. DOCs are also accepted in the official languages of Switzerland (German, French, Italian) or in English.

The Declaration of Conformity must include at a minimum the specified elements in the applicable modules:

- Annex 4 of the Swiss Ordinance 734.5 OEMC
- Art. 8 of the Swiss Ordinance 734.26 LVEO
- Annex III of the EU Low Voltage Directive 2014/35/EU
- Annex IV of the Directive 2014/30/EU 15 (mandatory for designation with CE)

and the following elements:

1. Title: Declaration of Conformity
2. Equipment type/product (product, model, batch or serial number)
3. Name and address of the manufacturer or its authorised agent established in Switzerland
4. The sole responsibility for issuance of this Declaration of Conformity shall be borne by the manufacturer
5. Object of the declaration (description of the equipment for the purpose of traceability; this can include a colour photo of sufficient clarity if it is required for identification of the equipment)
6. The above-described object of the declaration satisfies the applicable laws and regulations of Switzerland
7. Information on the applicable technical standards used (including data) or information on other technical specifications for which the conformity is declared (including data)
8. Where applicable: The conformity assessment body (name, identification number) ... has issued ... (description of the measures) and the following certificate
9. Additional information:
signature for and in the name of:
(location and date of issuance) (name, position) (signature)

Attention! The Declaration of Conformity for equipment bearing the foreign CE conformity declaration must be issued upon presentation pursuant to Annex IV of the Directive 2014/30/EU 15.

21.4 Declaration and labelling of goods

Manor AG does not accept supplier displays on the sales floor in the department store. Warnings and other mandatory information must be visibly, legibly and indelibly stated in the three official languages directly on the goods for the end customer.

Suppliers are obliged to submit all product information necessary to Manor AG to the responsible purchaser when placing an order to ensure a comprehensive product declaration in the online shop. This applies in particular to all warnings and product-specific labelling visible on the product packaging.

21.5 Animal and natural products

21.5.1 Fur Free

Manor sells all articles with animal hair, fur, pelt and faux fur exclusively in accordance with the requirements and guidelines of the Fur Free conditions of the organisation Swiss Animal Protection (STS).

www.tierschutz.com

www.furfreeretailer.com



21.5.2 Fur conditions and prohibitions according to Fur Free

In accordance with the terms of the Fur Free agreement, Manor does not accept any articles that contain genuine animal fur or pelt.

The following animal species are exempt from the prohibition on animal pelt:

- cow
- pig
- sheep
- goat
- llama
- alpaca
- reindeer
- horse
- boar
- faux fur/synthetic materials designed to resemble fur -> see faux fur requirements

21.5.4

For reindeer and boar, the declaration on pelt products must observe the Swiss Fur Declaration Ordinance.

21.5.3 Pelt – duty to declare and information

Products from reindeer and wild boar fur/pelt are subject to the Swiss Fur Declaration Ordinance SR 944.022.

The supplier is obliged to declare the products in the official languages of Switzerland. The declaration must be clearly visible and legible on the product itself in the form of a label glued or otherwise affixed to the product or on the price tag. It is mandatory to declare:

- Declaration of the animal species
Declaration of the scientific and zoological name of the animal species from which the pelt originates
- Declaration of the origin of the pelt
Origin of the pelt with respect to the country in which the animal was hunted or bred and brought for slaughter. If the origin of the pelt cannot be assigned to one country, the smallest possible geographical area from which the animal originated may be given.
- Declaration of the provenance/rearing method of the pelt
The provenance or rearing method is to be indicated as follows:
 - a) For wild animals: 'caught by trapping' or 'caught without trapping'
 - b) For farmed animals: 'herd husbandry', 'pack husbandry', 'cage rearing with natural substrate' or 'cage rearing with mesh floor'.

If it is not possible to indicate the provenance/rearing method, the following is to be indicated: 'Can originate from hunting with or without traps or from various husbandry systems, specifically cage rearing.'

For products consisting of pelt from more than three animal species, places of origin or provenance/rearing methods, declarations must be provided for the three pelts with the largest proportion in the product.

Pelts from the following mammals are excluded from the Fur Declaration Ordinance SR 944.022:

- domesticated animals of the equine, bovine, swine, sheep and goat species
- llamas and alpacas

Hence, of all pelts accepted by Manor, only reindeer and wild boar are affected by the declaration requirement.

21.5.4 **Faux fur**

Definition of faux fur:

Faux fur is any synthetic material designed to resemble fur.

Requirements for faux fur:

To comply with the Fur Free conditions, the supplier must submit a warranty declaration to the responsible purchaser when an order is placed for a faux fur article confirming that no genuine fur was used in the manufacture of the article.

The supplier undertakes to submit the letter to the purchasing office at the latest by the time of presentation of the goods in the stores. The purchaser is responsible for the control, documentation and completeness of the documents. These must be available upon request.

21.5.5 **Brushes out of animal hair**

In accordance with the terms of the Fur Free agreement, Manor does not accept any articles that contain genuine animal hair.

The animal species mentioned under 21.5.2 are exempt from the prohibition on animal hair. The duty to declare applies analogous to fur/pelt (see chapter 21.5.3).

21.5.6 **Leather – requirements and conditions**

Requirements:

Manor sells exclusively genuine leather from animals, the skins of which are generally processed in accordance with Fur Free. Refer to: Fur conditions and prohibitions according to Fur Free – point 21.5.2.

Declaration obligation:

Products, including shoes, made of leather or imitation leather must be labelled according to the requirements in Manor Quality Manual Part A Softlines.

Recommendation on the use of certified leather:

Manor recommends the purchase of leather from certified suppliers. Certification seeks to ensure that chromium VI was not formed during the tanning process, thus avoiding environmental pollution through chromium-containing wastewater and residue as far as possible. Corresponding certificates include, for example, the Leather Working Group (LWG).

21.5.7 **Merino wool and Mohair wool**

Manor does not accept mulesing. Suppliers are obliged without being so requested to send a warranty declaration to the responsible purchaser on order of merino wool and mohair wool articles, confirming that mulesing was not used. This document must contain the Manor order number. The purchaser is responsible for the control, documentation and completeness of the documents. These must be available upon request.

21.5.8 **Angora wool**

Manor does not accept any live plucking. The supplier undertakes to submit a warranty declaration to the responsible Manor AG purchaser on placement of an order by Manor AG. The purchaser is responsible for the control, documentation and completeness of the documents. These must be available upon request.

The warranty declaration must contain the following elements:

- Manor order number
- Warranty of no live plucking and traceability to the farm

21.5.9 **Down and feather products**

Manor does not accept any live plucking or force-feeding. The feathers/down may come only from suppliers whose connection to the farm is traceable. Only articles certified according to the following standards are permitted: Responsible Down Standard (RDS), Traceable Down Standard (TDS) and Downpass standard.

The supplier undertakes to submit a warranty declaration to the responsible Manor AG purchaser on placement of an order by Manor AG. The purchaser is responsible for the control, documentation and completeness of the documents. These must be available upon request.

The warranty declaration must contain the following elements:

- Manor order number
- Warranty of no live plucking or force feeding, and traceability to the farm
- Proof of certificate of verification (Responsible Down Standard RDS, Traceable Down Standard TSD or Downpass)

All down and feathers are to be sterilised in accordance with ETU standard EN12935 'Feather and down – hygiene and cleanliness requirements.

21.5.10 **Protected species / plants / materials**

Switzerland is a member of the organisation CITES (<http://www.cites.org/>); the import of products listed in the CITES appendices is either prohibited or notifiable to the FSVO (Food Safety and Veterinary Office).

The applicable Swiss regulation is the Swiss Species Regulation Ordinance SR 453 (ASchV).

If you have any questions or if your product is subject to approval by the Swiss authorities, please contact the Manor Import department.

21.6 Timber products

In Switzerland, the following regulations must be observed for wood products:

- Timber Trade Regulation (SR 814.21)
- Timber Declaration requirement (SR 944.021)

Note:

The scope of application for the products concerned is not identical in the above-mentioned regulations.

To ensure that your product is correctly documented, always check the corresponding regulation.

21.6.1 Timber Trade Regulation

Suppliers must demonstrate that information on the legal harvesting and processing of timber is available in a comprehensible form that enables a risk assessment to be carried out.

This risk assessment must be submitted by the supplier and a corresponding management system must be managed.

The following information is required as a basic prerequisite for this assessment:

- the description of the timber or timber product, including the trade name and product type as well as the common name of the tree species and the full scientific name
- the country of origin (where the tree was felled)
- the region, unless the risk of illegal logging is considered to be the same for each region of a country of origin
- information on the logging concession, if the risk of illegal logging is not considered to be the same for each concession of a country or region of origin
- the quantity of timber and timber products in volume, weight or number of product units
- the name and address of the supplier
- evidence that the relevant legislation of the country of origin has been complied

Information under: www.bafu.admin.ch

21.6.2 Timber declarant requirement

The Ordinance on the Declaration of Wood and Wood Products (SR 944.021) has been in force in Switzerland since 2012. This ordinance is based on the Consumer Information Act (SR 944.0) and regulates the obligation to declare the type and origin of wood for round and raw wood as well as certain wood products made of solid wood. The aim of the declaration obligation is to increase transparency for consumers so that they can make informed purchasing decisions.

21.6.2.1 Timber species subject to declaration

The duty to declare applies to all timber and timber products specified in the Annex of SR 944.021.1. All articles listed in the table 'Timber and timber products subject to declaration – explanation of the scope of application' are affected by a duty to declare in accordance with the ordinance. If the customs tariff number of the article in question is not known, the corresponding number can be found on www.tares.admin.ch. Excluded from this ordinance are: packaging, waste and recycled products (e.g. driftwood).

This list only applies to the Timber Declaration Regulation.

Timber and timber products subject to declaration Explanation of the scope of application (pursuant to the Swiss timber declaration ordinance SR 944.021.1)	
Customs tariff number	Product designation
4401 without 4401.3100, 4401.3900 and 4401.4000	Fuel wood in the form of logs, billets, branches, bundles or similar; wood in the form of chips or particles
4402	Fuel wood in the form of logs, billets, branches, bundles or similar; wood in
4403	Wood in the rough, whether stripped of bark or sapwood, or rough cut on
4404	Hoopwood, split poles, piles, pickets and stakes, pointed but not sawn lengthwise, wooden sticks, roughly trimmed but not turned, bent or otherwise worked, suitable for the manufacture of walking sticks, umbrellas, tool handles and similar, chipped wood, wood strips, wood bands and similar
4406	Wood rail sleepers and similar
4407	Wood sawn or chipped lengthwise, sliced or peeled, whether or not planed, sanded or end-jointed, of a thickness exceeding 6 mm
4409	Wood (including strips and friezes for parquet flooring, not assembled) continuously shaped (tongued, grooved, rebated, chamfered, V-jointed, beaded, moulded, rounded or similar) along any of its edges, ends or faces, whether or not planed, sanded or end-jointed
4414	Wooden frames for paintings, photographs, mirrors or similar objects, made of solid wood
4416	Casks, barrels, vats, tubs and other cooperers' products and parts thereof, made of solid wood
4418.5	Shingles and shakes
4418.6	Posts and beams made of solid wood
9401.69	Seating with main components made of solid wood
9403.3000 9403.4000 9403.5000 9403.6000	Other furniture with main components made of solid wood

21.6.2.2 Timber – duty to declare and information

The Swiss timber declaration ordinance defines the following mandatory information in the timber declaration:

1. Timber species
2. Origin of the timber
3. Place and language of the declaration

The precise definitions are to be noted as follows:

1. Timber species

It is mandatory to provide the following information:

- a) Trade name of the timber and
- b) information that enables the consumer to ascertain the scientific name of the timber; e.g. either the scientific name itself in brackets after the trade name or reference to the timber database:

<https://www.konsum.admin.ch/bfk/de/home/themen/holzdeklaration/holzdatenbank.html>

If the timber cannot be allocated to a specific species, several timber species or the genus may be given. In the case of derived wood products based on wood chips or wood fibres, the indication 'mixed timber' is permitted.

In the case of products composed of more than three timber species, the three species that make up the largest proportion by mass of the product must be indicated.

2. Origin of the timber

It is mandatory to provide the place of origin of the timber.

The place of origin of the timber is the country in which the timber was harvested.

If the timber cannot be allocated with certainty to a country of origin, several possible countries of origin may be given. If more than five countries of origin come into consideration, the smallest possible geographical area from which the timber originated may be given. If it is not possible to allocate the timber to several possible countries of origin or to a geographical area, the indication 'origin unknown' may be used.

The label of origin 'Swiss wood' does not replace the declaration.

3. Position and language of the declaration

The declaration must be clearly legible on the product itself, in its immediate proximity or on the packaging in at least one of the official Swiss languages.

All three official languages are recommended for Manor AG.

If the required notice is not possible for technical reasons, the declaration may be indicated in some other easily accessible form; e.g. on the shelf. A declaration above the sales display is not permitted.

21.7 Sandblasting – prohibited

Manor does not accept products that have been sandblasted in open facilities as these pose a high health risk. Permitted processes include:

- Manual processing with sandpaper
- Laser technology (in compliance with safety precautions)
- Chemical treatment (in compliance with safety and environmental protection precautions)
- Closed facilities that preclude health risks

21.8 Requirements for the use of nanotechnology

Nanotechnologies are widely used in consumer products, for example in dirt-repellent textiles, transparent sun creams.

Many manufacturers take advantage of the special properties of nanoscale materials to optimise consumer products or improve their production. In the event of queries, the suppliers must provide the documentation on the nanotechnology used and the risk assessment.

21.9 Requirements for biocides and biocide-treated products

21.9.1 Biocides

21.9.1.1 Definition of biocides

Biocide products are subject to Biocide Regulation (EU) No. 528/2012 and the Swiss Ordinance on Biocidal Products SR 813.12.

- Definition of biocides:
Substances, preparations or objects, in the form in which they reach the user, consisting of, containing or generating one or more active substances. A treated article with a primary biocidal function is deemed a biocidal product
- Intended use:
Destroy, deter, render harmless, prevent the action of, or otherwise exert a controlling effect on any harmful organism
- Mechanism:
By any means other than mere physical or mechanical action

21.9.2 **Biocidal requirements**

The supplier must ensure that the biocidal product it sells to Manor AG meets the following legal requirements:

- Biocidal products may be placed on the market or used for professional or commercial purposes only if they are authorised by the notification authority and labelled in accordance with this ordinance: www.anmeldestelle.ch
- Biocidal products must have a GHS hazard label
- Active substances used must be notified or approved for the product type concerned
- Approval is issued by the notification authority for chemicals, in agreement with the responsible assessment authority.
- In order to demonstrate the use of authorised biocides, a supplier must produce a Declaration of Conformity.
- The product also meets the requirements of point 10 'Requirements for chemicals, chemical mixtures and scented products' of the Manor Quality Manual Part C

21.9.3 **Biocide-treated products**

21.9.4 **Definition of biocide-treated products**

Biocide-treated articles are subject to Biocide Regulation (EU) No. 528/2012 and the Swiss Ordinance on Biocidal Products SR 813.12.

Definition of biocide-treated articles:

Substance, preparation or object that does not have a primary biocidal function, but which has been treated with, or intentionally incorporates, one or more biocidal products.

21.9.5 **Requirements for biocide-treated products**

A treated article may be placed on the market only if the active substance(s) used in the treatment of goods has been notified or approved for the particular type of biocidal product in the treated article (Art. 31, para. 1 and Art. 62c, para. 1 OBP).

Art. 58, para. 3 of the BPR regulation specifies that treated articles must be labelled where:

- in the case of a treated article containing a biocidal product, a claim is made by the manufacturer of that treated article regarding the biocidal properties of the article

or

- in relation to the active substance(s) concerned, and with particular regard to the possibility of contact with humans or the release into the environment, the conditions associated with the approval of the active substance(s) so require.

Suppliers of articles with biocidal properties must ensure that the article is labelled and contains the following information (Art. 58, para. 3 BPR):

- a statement that the treated article incorporates biocidal products and that these are approved;
- if appropriate, the biocidal property attributed to the treated article;
- the name of all active substances contained in the biocidal products;
- the name of all nanomaterials contained in the biocidal products, followed by the word 'nano' in brackets;
- any relevant directions for use, including precautions to be taken due to the biocidal products used to treat a treated article or which the article incorporates.

Furthermore, Art. 58, para. 4 of the BPR regulation states that any treated article containing biocides must be labelled with relevant instructions for use, including any precautions to be taken, if this is necessary to protect humans, animals and the environment.

The labels and instructions for use must be written in German, French and Italian, and legibly and indelibly stated on the product.

Art. 31b of the BPV 813.12 defines as 'additional obligations' the timely obligation to provide information to consumers and authorities:

'Anyone who is responsible for the placing on the market of treated articles must, on request, provide consumers with information on the biocidal treatment of the treated articles within 45 days.'

In order to ensure a diligent and extensive processing period for the statutory duty of disclosure of 45 days, the supplier undertakes to provide at the request of Manor AG within 35 days all complete information on the biocidal treatment of treated articles to Manor AG.

In addition to compliance with the 35-day duty of disclosure to Manor AG, the supplier must ensure that the biocides used for the articles it sells to Manor AG meet the legal requirements at the time of delivery and the necessary labelling is visible to the consumer.

21.10 Requirements for chemicals, chemical mixtures and scented products

21.10.1 Safety datasheet for Manor AG

In accordance with the Swiss Chemicals Ordinance (ChemO) and REACH, the supplier must provide Manor AG with a safety datasheet (SDS) without request:

- chemicals
- chemical mixtures
- scented or perfumed articles
- biocides
- hazardous substances
- preparations
- PBT and vPvB substances
- SVHC² candidate list (substances in Annex VII of ChemO)
- plant protection agents
- fertilisers
- or similar articles

The (Material) Safety Data Sheet (MSDS or SDS form and the required information are listed in Annex II of Regulation (EC) 1907/2006 (REACH) as amended by Regulation (EU) 453/2010. It is also important to note ChemO, section 4, in particular Arts. 22 and 23.

21.10.2 Requirements for the safety datasheet

The safety datasheet, which is submitted by suppliers to the responsible purchaser at Manor AG:

- should be written as a matter of priority in German, or alternatively in another official Swiss language or English
- contains in the cover sheet the Swiss address of the importer, the Swiss emergency telephone number for poisoning 145, and other modifications adapted for Switzerland in chapters 7 'Handling and storage', 8 'Limitation and control of exposure/personal protective equipment', 13 'Notes on disposal' and 15 'Legislation'...
- is clearly attributable to the product sold
- meets all legal requirements of the GHS

Instructions with further guidelines and requirements on the form and content of a SDS can be found at the notification authority for chemicals at www.anmeldestelle.admin.ch.

Additional datasheets on various subjects related to chemical legislation can be found at www.chemsuisse.ch or at your cantonal expert agency for chemicals.

Further information on chemical legislation can be found at www.anmeldestellechem.admin.ch.

The supplier is responsible for the accuracy of the content of the safety datasheets. The supplier undertakes for each order to clarify with the responsible purchasing office the form in which the purchaser should receive the SDSs; for example, in paper form, as a PDF or as a link to a download.

21.10.3 Burden of proof for SVHC

21.10.3.1 Legal basis of the duty of disclosure

Substances of very high concern are identified in REACH and included in a candidate list. Where chemical substances are processed in products (e.g. a dye in a plastic product), information must be provided within the supply chain on the substances of particular concern contained in the products and on their safe use. Consumers may ask distributors, manufacturers or importers which substances of particular concern in the candidate list are contained in a product. Distributors, manufacturers and importers must then inform them free of charge within 45 days pursuant to Art. 71 of the Swiss Chemical Ordinance and Art. 32, para. 2 of the REACH Regulation, irrespective of a possible purchase.

21.10.3.2 Obligation of Manor suppliers

In accordance with REACH and ChemO Art. 71, there is a 'duty of disclosure to provide information on SVHC substances contained in the products offered' to users within 45 days.

In order to ensure that the duty of disclosure is reliable and timely, Manor suppliers are obliged to compare their goods sold at Manor regularly with the current SVHC list. The supplier confirms with its signature in the Compliance Agreement that it is able to prove in accordance with the current SVHC list that the product:

a) contains no SVHC substance of more than 0.1% by weight

or

b) contains one or more SVHC substances of more than 0.1% by weight.

In the event of b), the supplier is obliged to add:

- the name of the SVHC substance
- the concentration in % by weight of the SVHC substance
- all information necessary for safe use of the product containing the SVHC substance.

To ensure compliance with the statutory duty of disclosure, the supplier undertakes on request by Manor AG to provide within two weeks all complete information on the subject of SVHC in its product to Manor AG.

Should Manor AG not receive the necessary information, it will commission inspection of the product at an accredited testing institute and charge the supplier for the costs incurred. Similarly, the supplier will be charged with the related administrative fees. Manor AG reserves the right to take further measures.

22 List of FFU's (Fit For Use)

The individual requirements per article category are described in detail in the FFU (Fit For Use).

FFU	Description	FFU	Description
001	3rd Layer Outdoor Overwear	108	Kitchen Gadgets
002	Ski & Functional Wear	109	Baking forms
003	2nd Layer Casual & Dinner Wear	110	Food contact article (wood)
004	Shirts, Tops, Blouses, woven	111	Bread Boxes
005	2nd Layer Casual knitted	112	Cutting & Chees Board
006	Polo & Sweatshirts	113	Disposable Items
007	Sportswear woven	120	Baby Bottles
008	Sportswear knitted	121	Dishes and Cutlery (plastic)
009	Underwear knitted	122	Dishes and Cutlery (wood)
010	Underwear woven	123	Dishes and Cutlery (glass)
011	Lingerie	124	Dishes and Cutlery (metal)
012	Socks & Hosiery	125	Childcare products
013	Swimwear	140	Plastic Toys
014	Textile Accessories	141	Soft toys
015	Straw Summer Articles	142	Wood Toys
016	Textile Bags	143	Metal Toys
017	Leather goods	144	Paper Articles
018	Carnival costumes	145	Dolls
019	Umbrellas	146	Balls
020	Rainwear	147	Toy guns
040	Bed linen	148	Swimming pools
041	Table linen, Deco	160	Baby Strollers
042	Towels	161	Bicycles (toys for <36 Mth), height till 437mm
043	Curtains	162	Bicycles (from >36 Mth), height from 437mm
044	Carpets	163	Scooters, Skateboards, Roller Skates, Inline Skates - Sports and Leisure Equipment
050	Rubber Shoes	180	Candles
051	Plastic Shoes	200	Heating plate devises
052	Leather Shoes	201	Blenders
053	Textile & Artif. Leather & Combined Shoes	202	Kitchen cooker
054	Baby shoes till 36M	203	Iron
130	Glasses	204	Vacuum Cleaner
131	Fashion accessories	205	Microclimate devises
100	Cookware	207	Light equipment
101	Food contact article (plastic)		
102	Food contact article (metal)		
103	Food contact article (glass), Glassware		
104	Food contact article (paper & cardboard)		
105	Food contact article (silicone)		
106	Insulated Container		
107	Knives, Table Cutlery		

23 Requirements for packaging and transport protection

The packaging material used must be agreed with the purchaser at Manor. Unless agreed otherwise, no PVC may be used.

The following requirements in particular are to be observed:

- To avoid mould growth, the product should be dehumidified and packed dry; If necessary, use silica gel;
- The product must be protected against pest infestation during storage and transport;
- The packaging material used may not adversely affect the product;
- The packaging must be suitable for protection of the product against damage during transport and storage.

The following requirements for environmental protection must be observed:

- Materials should be reduced to a minimum
- Cardboard packaging should be uncoated and thus recyclable

Declaration on the use of plastic packaging:

Amount	01	02	04	05
Material	PET	PE-HD	PE-LD	PP



See also the separate packaging and transport requirements:

'Packaging and shipping specifications' / 'Packing specifications / Packing specifications Far East'
www.suppliers.manor.ch