

Product specific requirements: 052. Leather Shoes



Version: 3.0
Last update: 14.04.2022

Material	Products	Age Group	HS Code
Natural leather, elements of other materials: textile, rubber, polymers	Long boots, laced shoes, open shoes, shoes, sandals, loafer, sneakers and other kinds of children's shoes	women, men kids	6403

No	Parameter	Method	Reference	Requirement	Materials					
					Plastics: PU,PVC	Natural Textiles	Synthetic Textiles	Rubber	Leather	PU Coating, Printing
General & Construction										
1	Upper Material Leather Definition	BS 2780:1983	Directive 94/11/EC		Leather A Hide or skin with its original fibrous structure more or less intact, tanned to be imputrescible. The hair or wool may or may not have been removed. Leather is also made from a hide or skin which has been split into layers or segmented either before or after tanning. Finish thickness <0.15mm. Coated Leather A product where the surface coating applied to the leather substrate does not exceed 1/3 of the total thickness of the product, but >0.15mm . As the finish thickness exceeds 1/3 the material has to be called "artificial leather".					
Chemical Parameter <small>These parameters are mandatory and does not replace our full chemical policy (see Manor QM Part A, Pgf. 3)</small>										
2	pH VALUE (ACIDITY / LCALINITY)	Textile: ISO 3071	In House	Leather: 3.5-7.5		x	x		x	
3	Alkylphenols & Alkylphenol Ethoxylates (NP, NPEO)	Textile / Leather: EN ISO 21084:2019 APEO Non-leather: ISO 18254-1:2016 with determination of APEO Leather: ISO 18218-1:2015	EU No 1907/2006 Annex XVII (effective date: 3rd February 2021)	NPEO: Textile materials: 100 mg/kg Leather & Polymer materials: 1000mg/kg NP: 1000mg/kg	x	x	x	x	x	x
4	Polycyclic Aromatic Hydrocarbons (PAHs) (except outsole)	AfPS GS 2019:01 PAK	SR 817.023.41 REACH Regulation 1907/2006 Annex XVII	Direct Contact Skin Sum of 18 PAHs: 10 mg/kg EU-PAK each < 1mg/kg	x			x		x
5	Short Chain Chloroparaffins (SCCP) (C10 - C13) (incl. Outsole)	ISO 18219: 2015	SR 814.81 (CH) (EU) 2015/2030 (EU) 519/2012	CH/EU Law:1000 mg/kg Manor (Oekotex): 100 mg/kg	x			x	x <small>as fat-liquoring agents</small>	x
6	Organotin compounds (incl. Outsole)	Textile: ISO 22744-1:2020 Non-textile: CEN ISO/TS 16179: 2012	SR 817.023.41 EU No 276 / 2010 EU REACH 1907/2006 Annex XVII	TBT/TPhT: 0.5 mg/kg (infant); 1 mg/kg (others) DBT/DMT/DOT/DPh/DPT/MBT/MOT/MMT/MPHT TeBT/TeBT/TeET/TCyHT/TMT/TOT/TeOT/TPPT: 1 mg/kg (baby); 2 mg/kg (others)	x			x		x

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7	Lead (Total) (incl. Outsole)	Non-leather: EN 16711-1 Leather: ISO 17072-2	SR 817.023.41 (EDI) EU No 1907/2006	Swiss: 100 mg/kg Manor (Oekotex): 90 mg/kg	x			x		x
8	Cadmium(Total) (incl. Outsole)	EN 1122 Non-leather: EN 16711-1	SR 817.023.41 (EDI) (EC) No 1907/2006	100 mg/kg	x			x		x
9	Chromium VI	ISO 17075-2: 2017 with ageing	SR 814.81 (ChemRRV) Annex 2.16 EU No 1907/2006	< 3 mg/kg					x critical	
10	Formaldehyde	Textile: DIN EN ISO 14184-1 Leather: DIN EN ISO 17226-2	EU REACH Annex XVII Entry 72	Direct skin-contact = 75mg/kg (textile/fur); Direct skin-contact: 150 mg/kg (Leather)		x	x		x critical	
11	Azo Dyes	Textile: DIN EN ISO 14362-1:2017/ DIN EN ISO 14362-3: 2017 Leather: ISO 17234-1:2015/ ISO 17234-2:2011	SR 817.023.41(EDI) EU Regulation No 1907/2006	Direct skin-contact: Each 30 mg/kg (incl. fur, artificial fur)		x	x		x	x
12	p-Aminoazobenzol	Textile: DIN EN ISO 14362-1:2017/ DIN EN ISO 14362-3: 2017 Leather: ISO 17234-1:2015/ ISO 17234-2:2011	EG 1907/2006 Anhang XVII	Each 30 mg/kg		x	x		x	x
13	Pentachlorophenol (PCP)	BS EN ISO 17070:2015	SR 814.81 (ChemRRV)/ EU No 1907/2006	CH/ EU Law: PCP, TeCP: not merely unavoidable impurities: 5 mg/kg		x	x		x	x

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Physical Parameter for shoes											
Upper Material											
14	Resistance to Rubbing (upper only)	ISO 20433 (Leather)	Manor Intern	Leather: Grade 3 (dry); Grade 2-3 (wet)						x	
15	Water fastness (upper, lining and insole only)	ISO 11642 (leather)	Manor Intern	Leather: Grade 3		x	x			x	
16	Seam strength of uppers, lining or insoles	EN 13572 (Method B)	Recommendation: ISO/TR 20879:2007	Min 10N/mm Min 6N/mm Slippers		x	x			x	
Lining & Insole											
17	Resistance to Rubbing (for lining and insole only)	ISO 105-X12 (Textile) ISO 11640 (Leather)	Manor Intern	Textile: dry: Grade 4 / wet Grade 3-4 Leather: dry: Grade 3 / wet: Grade 3		x	x			x	
18	Perspiration fastness (for lining and insole only)	ISO 105 E04 ISO 11641 (leather)	Manor Intern	Textile: Grade 4 Leather: Grade 3		x	x			x	
Heel											
19	Slip resistance clay tile (heel & forepart)	TM 144	In House	Dry: 0.3 Wet: 0.3	x						
20	Heel Fatigue	BS EN ISO 19956: 2004	In House	For women only: 14,000 blows without damage	x						
21	Heel Attachment	BS EN 12785: 2000	In House	500N	x						
Outsole											
22	Sole Bond Peel Strength	EN ISO 17708: 2003	In House	Standard sole: 3 N/mm (men); 2.5 N/mm (women & Kids) EVA or foaming: 2.5 N/mm Indoor/ slippers/ injected/ vulcanised/: 2N/mm	x					x	
23	Whole top line strength (unlined shoes only)	TM 143	In House	400 N	x					x	
24	Whole shoe flexing (flexible shoes only)	ISO/TR 20879:2007 ISO17694	Recommendation: ISO/TR 20879:2007	Leather: Dry: 100.000 / wet: 20.000 flexes Coated Leather: Dry: 100.000 flexes Wet & By Temperature -5°C: 20.000 flexes No visible damages/ material cracking / failure	x					x	
25	Sole abrasion resistance	ISO 20871 TM84 (Leather) UNE-EN 12770:2000	Recommendation: ISO/TR 20879:2007	Density ≥ 0.9: max. 400 mm ³ loss Density ≤ 0.9: max. 250 loss in mg Leather: With a max loss of 25 mm per 100 revs	x					x	
Attachments											
26	Strength of straps, buckles and related attachments	BS 5131-5.11	Recommendation: ISO/TR 20879:2007	200 N; Min 150N Elasticised		x	x			x	
29	Toe load	BS 5131-5.1	In House	women & kids: 50 N men: 200 N		x	x			x	
30	Trim attachment strength	TM 117	In House	Flexible trims: Min 50 N Rigid trims: Min 120 N		x	x			x	
31	Tab strength	TM 165	In House	250 N		x	x			x	
32	Lace hole or eyelet strength	TM 149	In House	kids & women: 200N men: 250 N		x	x			x	
33	Eyelet attachment	TM 150	In House	120N		x	x			x	

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Accessories																								
34	Metal Parts with skin contact: Nickel	EN 12472:2020 / EN 1811:2011 + A1:2015	SR 817.023.41/ EU 2004/96	Nickel: <u>Manor</u> < 0.5 µg/cm ² /Week. CH/ EU Law: < 0.88 mg/cm ² (prolonged and direct contact with the skin)	Related to the whole product																			
35	Metal Parts with skin contact: Lead	Non-leather: EN 16711-1 Leather: ISO 17072-2	SR 814.81(CH) Directive (EU) 2015/628	Lead: 500 mg/kg	all accessible parts smaller than 5cm (total L, B, W) which can be put into the mouth by small kids till 36 month.																			
Label																								
36	Labeling	Directive 94/11/EG BS2780:1983	Directive 94/11/EG	Trademark Importer's name (name, address in EU or CH) Size (opt. age for children) Material according to 94/11/EG In 1 Swiss official language (DE / IT / FR) Care instructions (if applicable)	Related to the whole product																			
37	Material Labeling	Directive 94/11/EG / SR 930.11 (PrSG) & Ginetex Switzerland	Directive 94/11/EG	<table border="0"> <tr> <td>PARTS OF FOOTWEAR</td> <td>MATERIALS USED</td> </tr> <tr> <td>Written indication</td> <td>Written indication</td> </tr> <tr> <td>Pictogram</td> <td>Pictogram</td> </tr> <tr> <td>Upper</td> <td>Leather</td> </tr> <tr> <td>Lining & sock</td> <td>Coated leather</td> </tr> <tr> <td>Outer sole</td> <td>Textile</td> </tr> <tr> <td></td> <td>Other materials</td> </tr> </table>	PARTS OF FOOTWEAR	MATERIALS USED	Written indication	Written indication	Pictogram	Pictogram	Upper	Leather	Lining & sock	Coated leather	Outer sole	Textile		Other materials	<p>a) Label on the shoe in words or pictograms (as listed above). If words- In 1 Swiss official language (DE / IT / FR)</p> <p>b) Only materials covering > 80% of the surface area /outer sole must be labelled. If material < 80%, information on the two main materials.</p> <p>c) Labels - visible, securely attached, accessible. Direct on the shoe, at least at one of the pair through stitching, printing, embossing or sticking.</p> <p>d) The manufacturer is responsible for the accuracy and compliance of the label.</p> <p>e) Example:</p>					
PARTS OF FOOTWEAR	MATERIALS USED																							
Written indication	Written indication																							
Pictogram	Pictogram																							
Upper	Leather																							
Lining & sock	Coated leather																							
Outer sole	Textile																							
	Other materials																							
Packaging																								
38	Metal	In-House Method	SR 814.81(ChemRRV)	Sum of Lead, Cadmium, Mercury and Chrome VI = 100 mg/kg total	Related to the packaging material																			