

Product specific requirements: **054. Baby shoes till 36M**



Version: 3.0
Last update: 13.04.2022

Material	Age Group	HS Code
Rubber, Polymers, Textile, Leather	Babies till <36 Month	6401, 6402, 6403, 6404

No	Parameter	Method	Reference	Requirement	Materials					
					Plastics / synthetic materials Inc. PU,PVC	Natural Textiles	Synthetic Textiles	Rubber	Leather	PU Coating, Printing
General & Construction										
1	Sharp Points/ Sharp Edges	In House	EN 71 Part 1	No Sharp points or Sharp edges before and after abuse test on the whole shoe (including accessories, heels other parts on the shoe)	related to the whole product					
2	Small part (strength resistance)	In House	EN 71 Part 1	0 - 6 MONTHS: 30 N (for diameter ≤ 6 mm) 50 N (for diameter > 6 mm) 6 - 36 MONTHS: 50 N (for diameter ≤ 6 mm) 90 N (for diameter > 6 mm)	related to the whole product Detachable accessories of infants' shoes should not fit entirely in the small part cylinder when tested					
Chemical Parameter These parameters are mandatory and does not replace our full chemical policy (see Manor QM Part A, Pgf. 3)										
3	pH VALUE (ACIDITY / LCALINITY)	Textile: ISO 3071 Leather: ISO 4045	Manor	Textile: 3.5-7.5 Leather: 3.5 - 8,5	x	x	x	x	x	x
4	Alkylphenols & Alkylphenol Ethoxylates (APEO, NP, OP, NPEO, OPEO)	Textile / Leather: EN ISO 21084:2019	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
5	Dimethylfuran (CAS-Nr. 624-49-7)	ISO/TS 16186	SR 814.81 (ChemRRV)	0,1mg/kg					x	
6	Heavy Metals, extractable	Textile: EN 16711-2:2015 Leather: ISO 17072-1:2019	DIN EN ISO 17294-2 / DIN EN ISO 17072-1 / DIN EN ISO 105-E04/ Oekotex	Sb (30mg/kg); As (0,2 mg/kg); Pb (0,2 mg/kg - textile; 0,1mg/kg leather); Cd (0,1 mg/kg - textile; 0,8mg/kg leather); Cr (1 mg/kg textile); Cr VI (0,5 mg/kg textile); Co (1 mg/kg); Cu (25 mg/kg); Ni (1 mg/kg); Hg (0,02 mg/kg)		x	x		x	
7	Polycyclic Aromatic Hydrocarbons (PAHs) (Inc. Outsole)	AIPS GS 2019:01 PAK	SR 817.023.41 REACH Regulation 1907/2006 Annex XVII	CH: part from rubber or polymers for babies and small kids: each 0,5 mg/kg; Sum of 18 PAHs: 10 mg/kg EU-PAK Direct Contact Skin each < 0.5 mg/kg	x			x		x
8	Phthalates	ISO 14389	SR 817.023.41 (babies) SR 814.81 (CH) EU No 1907/2006	Baby (<36 months) DEHP / DBP / BBP / DIBP / DIHP / DMEP / DIPP / DnPP / DnHP/ DCHP/ DIOP/ DINP/ DIDP/ DNOP: 1000 mg/kg (Each or Total) Other age range: DEHP / DBP / BBP / DIBP / DIHP / DMEP / DIPP / DnPP / DnHP/ DCHP/ DIOP: 1000 mg/kg (Each or Total)	x			x		x
9	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 as fat-liquoring agents	x

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10	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
11	Cadmium(Total) (incl. Outsole)	EN 16711-1	SR 817.023.41 (EDI) (EC) No 1907/2006	100 mg/kg	x			x		x
12	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/DPhT/DPT/MBT/MOT/MMT/MPHT/TeBT/TeBT/TeET/TCyHT/TMT/TOT/TeOT/TPPT: 1 mg/kg (baby); 2 mg/kg (others)	x			x	x	x
13	Chromium VI (incl. Outsole)	ISO 17075-2: 2017 with aging ISO 10195 Method A	SR 814.81 (ChemRRV) Annex 2.16 EU No 1907/2006	< 3 mg/kg					x	
14	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	Each 30 mg/kg		x	x		x	x
15	p-Aminoazobenzol	Textile: ISO 14362-3 Leder: ISO 17234-2	EG 1907/2006 Anhang XVII	Each 30 mg/kg		x	x		x	x
16	Pentachlorophenol (PCP)	Textile: DIN EN ISO 14362-1:2017/ DIN EN ISO 14362-3: 2017 Leather: ISO 17234-1:2015/ ISO 17234-2:2011	SR 814.81 (ChemRRV)/ EU No 1907/2006	CH/ EU Law: PCP, TeCP: not merely unavoidable impurities: 5 mg/kg Manor (Oekotex) PCP for Babies: 0.5 mg/kg		x	x		x	x
17	Formaldehyde	Textile: DIN EN ISO 14184-1 Leather: DIN EN ISO 17226-2	EU REACH Annex XVII Entry 72	For Textile & Leather: n.d.n. (<10mg/kg)		x	x		x	
18	ALERGENIC CLOURANTS	DIN 54231	Manor	Synthetic Fibers and Mixtures 50 ppm			x			
19	CHLORO-ORGANIC CARRIERS COCS (CHLORINATED BENZENES & TOLUENES)	EN 17137	Manor	Oekotex: Polyester & Mixtures 1 ppm (Total)			x			
Physical Parameter for shoes										
20	Slip resistance clay tile (heel & forepart)	TM 144	Manor	Dry: 0.3 Wet: 0.3	x					
21	Sole bond strength	ISO 17708	Manor	Standard sole: 3 N/mm EVA or foxing: 2.5 N/mm	x					

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23	Seam strength	EN 13572 (Method B)	Manor	6 N/mm	x	x	x	x	x																																									
Color Fastness																																																		
24	Rubbing fastness (upper only)	ISO 105 X12 (Textile) ISO 20433 (Leather)	Manor	Grade 4 (dry) Grade 3 (wet)	x	x	x	x	x																																									
25	Light fastness (textile upper only)	ISO 105 B02	Manor	Materials other than leather: Grade 4		x	x																																											
26	Water fastness (upper, lining and insole only)	ISO 105 E01 ISO 11642 (leather)	Manor	Grade 3 (color change/color stain)	x	x	x	x	x																																									
27	Perspiration fastness (for lining and insole only)	ISO 105 E04 ISO 11641 (leather)	Manor	Grade 3 (color change/color stain)		x	x		x																																									
28	Fastness to saliva and perspiration (for upper only)	DIN 53160-1+2:2010	Manor	Grade 5	x	x	x	x	x																																									
Accessories																																																		
29	Metal Parts with skin contact: Nickel	EN 12472:2020 / EN 1811:2011 + A1:2015	SR 817.023.41/ EU 2004/96	Nickel: Manor < 0.5 µg/cm²/Week. CH/ EU Law: < 0,88 mg/cm2 (prolonged and direct contact with the skin)	Related to the whole product																																													
30	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																																																		
31	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																																													
32	Material Labeling	Directive 94/11/EG	Directive 94/11/EG	Label on the shoe in words or pictograms (as listed above). If words- In 1 Swiss official language (DE / IT / FR)? <table border="0"> <tr> <td>PARTS OF FOOTWEAR</td> <td>WOMEN</td> <td>INDICATION</td> <td>PICTOGRAM</td> <td>MATERIALS USED</td> <td>WOMEN</td> <td>INDICATION</td> <td>PICTOGRAM</td> </tr> <tr> <td>Upper</td> <td></td> <td></td> <td></td> <td>Leather</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Lining & sock</td> <td></td> <td></td> <td></td> <td>Coated leather</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Outer sole</td> <td></td> <td></td> <td></td> <td>Textile</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Other materials</td> <td></td> <td></td> <td></td> </tr> </table>	PARTS OF FOOTWEAR	WOMEN	INDICATION	PICTOGRAM	MATERIALS USED	WOMEN	INDICATION	PICTOGRAM	Upper				Leather				Lining & sock				Coated leather				Outer sole				Textile								Other materials				<p>a) Only materials covering > 80% of the surface area /outer sole must be labelled. If material < 80%, information on the two main materials.</p> <p>b) Labels - visible, securely attached, accessible. On both shoes of the pair through stitching, printing, embossing or sticking.</p> <p>c) The manufacturer is responsible for the accuracy and compliance of the label.</p> <p>d) Example: </p>					
PARTS OF FOOTWEAR	WOMEN	INDICATION	PICTOGRAM	MATERIALS USED	WOMEN	INDICATION	PICTOGRAM																																											
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