

Decoration Articles

2021-05-0004

For countries: EU (incl. CH, NO, UK)

Release date: 21.05.2021

Netto

Update recommended on: 31.05.2022

Hazardous Substances	Bast fibres / Straw	Coatings (Varnish, polymer)	Fibres (Natural)	Fibres (Synthetic and blends)	Funct. finishings / Impregnation	Rubber and elastomers	Resin	Wood	Ceramic / Glass	Adhesives	Plastics	Leather	Metal	Paper / Paperboard	Packaging	Limit	Unit
Alkylphenols / Alkylphenoethoxylates (AP / APEO)																	
Nonylphenoethoxylates NPEO			X	X												100	mg/kg
Aromatic amines																	
Free aromatic amines		X	X	X	X	X	X			X	X					30	mg/kg
Azo dyes / Cleavable arylamines																	
Azo dyes / Cleavable arylamines			X	X							X			X		30	mg/kg
Chlorinated paraffins																	
Short-chain chlorinated paraffins C10 - C13 (SCCP)		X			X	X	X			X	X					1500	mg/kg
Chlorinated phenols																	
Pentachlorophenol (PCP)		X	X	X	X	X	X	X	X	X	X	X	X			5	mg/kg
Tetrachlorophenols, sum (TeCP)		X	X	X	X	X	X	X	X	X	X	X	X			5	mg/kg
Chromium VI in leather																	
Chromium VI												X				<3	mg/kg
Dimethylfumarate																	
Dimethylfumarate	X		X	X	X		X				X		X			0,1	mg/kg
Flame retardants																	
Hexabromobiphenyl			X	X	X	X				X	X		X			not detectable	mg/kg
Hexabromocyclododecane incl. α, β, γ (HBCDD)			X	X	X	X				X	X		X			0,01	%
Octabromodiphenyl ether			X	X	X	X				X	X		X			0,1	%
Tetra-, Penta-, Hexa-, Hepta-, Decabromodiphenyl ether - Sum			X	X	X	X				X	X		X			500	mg/kg
Formaldehyde																	
Formaldehyde			X	X	X						X					100	mg/kg
Formaldehyde derived timber products								X								0,124	mg/m ³
Formaldehyde derived timber products								X								0,1	ml/m ³
Harmful Substances																	
Harmful Substances acc. to CLP Regulation	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	no use	%
Metals, total content																	
Lead		X				X	X	X	X	X	X	X				100	mg/kg
Cadmium		X				X	X	X	X	X	X	X				75	mg/kg
Mercury		X				X	X	X		X	X					10	mg/kg
Organotin compounds																	
Dibutyltin DBT		X	X	X	X	X	X	X	X	X	X	X	X			1000	mg/kg
Diocetyl tin DOT		X	X	X	X	X	X	X	X	X	X	X	X			1000	mg/kg
Trisubstituted organotin compounds, sum		X	X	X	X	X	X	X	X	X	X	X	X			1000	mg/kg
Perfluorinated compounds (PFC)																	
Perfluorooctanoic acid PFOA (C8)			X	X	X						X					0,025	mg/kg
PFOA related substances, sum			X	X	X						X					1	mg/kg
PFOS (C8), its salts and derivatives, each			X	X	X						X					<1	µg/m ²
Pesticides																	
Pesticides	X		X	X			X				X		X			not detectable	mg/kg
Phenylmercury compounds																	
Phenylmercury compounds		X			X				X	X						0,01	%
Phthalates - Plasticizers																	
Phthalates, sum		X		X	X					X						0,1	%

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Polycyclic Aromatic Hydrocarbons PAH																	
Benzo(a)anthracene*	X	X	X	X	X	X	X	X			X	X				<1	mg/kg
Benzo(a)pyrene*	X	X	X	X	X	X	X	X			X	X				<1	mg/kg
Benzo(b)fluoranthene*	X	X	X	X	X	X	X	X			X	X				<1	mg/kg
Benzo(e)pyrene*	X	X	X	X	X	X	X	X			X	X				<1	mg/kg
Benzo(g,h,i)-perylene	X	X	X	X	X	X	X	X			X	X				<1	mg/kg
Benzo(j)fluoranthene*	X	X	X	X	X	X	X	X			X	X				<1	mg/kg
Benzo(k)fluoranthene*	X	X	X	X	X	X	X	X			X	X				<1	mg/kg
Chrysene*	X	X	X	X	X	X	X	X			X	X				<1	mg/kg
Dibenzo(a,h)anthracene*	X	X	X	X	X	X	X	X			X	X				<1	mg/kg
Indeno(1,2,3-cd)pyrene	X	X	X	X	X	X	X	X			X	X				<1	mg/kg
Naphthalene	X	X	X	X	X	X	X	X			X	X				<10	mg/kg
Sum 15 PAK	X	X	X	X	X	X	X	X			X	X				<50	mg/kg
Sum 4 PAK	X	X	X	X	X	X	X	X			X	X				<50	mg/kg
Quality - Odour																	
Odour	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3	Grade
Packaging, additional requirements																	
Cobalt dichloride in desiccation bags															X	no use	%
Dimethylfumarat in desiccation bags															X	0,1	mg/kg
Sum Lead, Cadmium, Chromium VI, Mercury															X	100	mg/kg

EU REACH - SVHC Substances

EU, NO:
In case of contents > 0,1% per article weight (in consideration of subassemblies) substances of very high concern (SVHC) from the REACH Candidate List, the supplier is legally obligated to transmit this information (Regulation (EC) 1907/2006 Art. 33 and Annex XIV; Judgment of the Court (Third Chamber), 10 September 2015, C-106/14). SVHC-Substances, see <https://echa.europa.eu/en/candidate-list-table>

CH:
Analogous to EU, NO. Legal base is the chemical regulation ChemV Art. 71 and annex 3.

GB:
Analogous to EU, NO. Legal base is The REACH Enforcement Regulations 2008 (and amendments), schedule 1.

EU SCIP Data Base

According to EU Waste Framework Directive 2008/98/EC the supplier of an article is obligated to provide the information about SVHC substances, that exceed a content of 0,1% in one of his articles, pursuant to Article 33 (1) of REACH Regulation 1907/2006 to the European Chemicals Agency (ECHA) as from 5 January 2021 (SCIP data base).

EU Biocidal Products/Treated Articles

EU, NO:
Products with biocidal finishing (treated articles) have to meet the Biocidal Regulation (EU) 528/2012 regarding admission and labeling. <https://www.echa.europa.eu/regulations/biocidal-products-regulation/understanding-bpr>

CH:
Analogous to EU, NO. Legal base is the biocidal products regulation VBP.

GB:
Analogous to EU, NO. Legal base is The Biocidal Products Regulations 2001

EU Products which can be confused with foodstuff

Acc. to the Directive 87/357/EEC it is prohibited to place products on the market which, although not foodstuffs, possess a form, odour, colour, appearance, packaging, labelling, volume or size, such that it is likely that consumers, especially children, will confuse them with foodstuffs and in consequence place them in their mouths, or suck or ingest them, which might be dangerous and cause, for example, suffocation, poisoning, or the perforation or obstruction of the digestive tract.

EU Articles attractive to children

Articles that are attractive to children and might be used as toys in spite of the purpose as decoration articles have to comply with further requirements for toys.

Requirements for Candles

Soot development behaviour DIN EN 15426
Fire safety DIN EN 15493
Labelling DIN EN 15494
Chemical requirements RAL-GZ 041
Candles are preparations and have to meet further requirements for preparations, e. g. according to REACH.

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EU MarkingName and complete contact address of EU distributor
Marking for identification (e.g. article number)Directive 2001/95/EC
Directive 2001/95/EC

Depending on the product category further labelling according to special or national requirements must be considered if applicable.

GB: A separate contact address of the GB importer must be provided.

EU Conformity

Each article including the packaging has to comply to all mentioned requirements. The supplier assures that the delivered article meets all requirements under REACH Regulation 1907/2006 and Product Safety Directive 2001/95/EC.

By declaration of conformity acc. to ISO/IEC 17050 the supplier commits himself to deliver merchandise in conformity with the respective test sample.

Definition of the Product Group

This requirement profile refers to decoration articles (without prolonged skin contact and without electric functions). Articles for skin or food contact, toys, lighters, candles and fragrance lights are excluded.

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Alkylphenols / Alkylphenoethoxylates (AP / APEO)

Test Method: EN ISO 18218-1 (mod.), EN ISO 18254-1 (mod.)

EU: Regulation (EC) No 1907/2006; Limit for mixtures: Nonylphenol and Nonylphenoethoxylates: 0,1%; Limit for textile articles: Nonylphenoethoxylates 0,01%

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
Nonylphenoethoxylates NPEO					

Aromatic amines

Test Method: Inhouse-method: Extraction with dichloromethane or tetrahydrofurane, GC/MS and LC/MS (alternatively: EN ISO 14362 without cleavage)

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
2,4,5-Trimethylaniline	137-17-7	3,3-Dimethylbenzidine	119-93-7	Aniline	62-53-3
2,4-Diaminoanisole	615-05-4	4,4'-Diaminodiphenylmethane	101-77-9	Benzidine	92-87-5
2,4-Toluylenediamine	95-80-7	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	o-Aminoazotoluene	97-56-3
2-Amino-4-nitrotoluene	99-55-8	4,4'-Oxydianilin	101-80-4	o-Anisidine	90-04-0
2-Naphthylamine	91-59-8	4,4'-Thiodianiline	139-65-1	o-Toluidine	95-53-4
3,3'-Dichlorobenzidine	91-94-1	4-Aminoazobenzene	60-09-3	p-Chloroaniline	106-47-8
3,3'-Dimethoxybenzidine	119-90-4	4-Aminobiphenyle	92-67-1	p-Cresidine	120-71-8
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	4-Chloro-o-toluidine	95-69-2	p-Phenylenediamine	106-50-3

Azo dyes / Cleavable arylamines

Test Method: Leather: EN ISO 17234-1; Textiles: EN ISO 14362-1; 4-Aminoazobenzene: Leather: EN ISO 17234-2 and Textiles: EN ISO 14362-3; Navy Blue: DIN 54231

EU: Regulation (EC) 1907/2006; Limit valid for textiles and leather with skin contact: 30 mg/kg;

EU: Regulation 1907/2006; Limit: 30 mg/kg

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
2,4,5-Trimethylaniline	137-17-7	3,3'-Dimethylbenzidine	119-93-7	4-Chloro-o-toluidine	95-69-2
2,4-Diaminoanisole	615-05-4	4,4'-Diaminodiphenylmethane	101-77-9	Benzidine	92-87-5
2,4-Toluylenediamine	95-80-7	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	o-Aminoazotoluene	97-56-3
2-Amino-4-nitrotoluene	99-55-8	4,4'-Oxydianilin	101-80-4	o-Anisidine	90-04-0
2-Naphthylamine	91-59-8	4,4'-Thiodianiline	139-65-1	o-Toluidine	95-53-4
3,3'-Dichlorobenzidine	91-94-1	4-Aminoazobenzene	60-09-3	p-Chloroaniline	106-47-8
3,3'-Dimethoxybenzidine	119-90-4	4-Aminobiphenyle	92-67-1	p-Cresidine	120-71-8
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0				

Chlorinated paraffins

Test Method: EN ISO 18219 (mod.)

EU: Regulation 2019/1021; Limit SCCPs: 0,15 %

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
Short-chain chlorinated paraffins C10 - C13 (SCCP)	85535-84-8				

Chlorinated phenols

Test Method: EPA 3545A or KOH-extraction, EN ISO 17070 (mod.)

AT: Chem-VerbotsV 2003; Limit for PCP in finished goods: 5 mg/kg

CH: ChemRRV 814.81; Limit: no use of PCP and TeCP in textile or leather articles; 5 mg/kg for timber products

DE: ChemVerbotsV; Limit for PCP incl. salts and esters in articles: 5 mg/kg

DK: BEK nr 854 af 5 September 2009, Bekendtgørelse om forbud mod import, salg og eksport af varer, der indeholder pentachlorphenol: Limit for PCP incl. salts and esters in Verbraucherprodukten: 5 mg/kg

EU: Regulation 2019/1021; Limit Pentachlorphenol: 5 mg/kg

NL: Besluit van 23 september 1997, houdende vaststelling van het Warenwetbesluit Pentachloorfenol; Limit for PCP incl. salts and esters in articles: 5 mg/kg

NO: Regulation No. 922 of 1 June 2004, Forskrift om begrensnig i bruk av helse- og miljøfarlige kjemikalier og andre produkter (produktforskriften); Limit PCP incl. salts and esters in textiles and leather: 5 mg/kg

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
2,3,4,5-Tetrachlorophenol	4901-51-3	2,3,5,6-Tetrachlorophenol	935-95-5	Pentachlorophenol (PCP)	87-86-5
2,3,4,6-Tetrachlorophenol	58-90-2				

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Chromium VI in leather

Test Method: EN ISO 17075-1/-2

EU: Regulation (EC) No 1907/2006; Limit for leather articles and leather parts of articles with skin contact: <3 mg/kg

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
Chromium VI					

Dimethylfumarate

Test Method: CEN ISO/TS 16186 (mod.)

EU: Regulation (EC) 1907/2006; Limit: 0,1 mg/kg

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
Dimethylfumarate	624-49-7				

Flame retardants

Test Method: EN ISO 17881-1; EN ISO 17881-2; EN 62321-6 (mod.)

EU: Regulation (EC) 1907/2006; Limits: TRIS, TEPA, PBB in textiles: no use; Octabromodiphenyl ether in articles: 0,1%

EU: Regulation 2019/1021; Limits: Sum Tetra-, Penta-, Hexa-, Hepta-, Decabromo diphenylether: 500 mg/kg; Hexabromocyclododecane (incl. α , β , γ): 0,01%; SCCP: 0,15%; Hexabromobiphenyl containing items are prohibited

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
Decabromodiphenyl ether	1163-19-5	Hexabromocyclododecane incl. α , β , γ (HBCDD)	25637-99-4	Pentabromodiphenyl ether	32534-81-9 et al.
Heptabromodiphenyl ether	68928-80-3 et al.	Hexabromodiphenyl ether	36483-60-0 et al.	Tetrabromodiphenyl ether	40088-47-9 et al.
Hexabromobiphenyl	36355-01-8 et al.	Octabromodiphenyl ether	32536-52-0 et al.		

Formaldehyde

Test Method: EN ISO 14184-1; EN ISO 17226-1/-2 (textile and leather); EN 717-3, EN 717-1, EN 16516 (derived timber products); EN 645 and EN 1541 (paper)

AT: Formaldehydverordnung; Mandatory labelling of textiles with skin contact at > 1500 mg/kg

DE: ChemVerbotsV; Limit in timber products (Emission): 0,1 ml/m³ (ppm)

DK: BEK 289 af 22/06/1983; Limit in timber products 0,15 mg/m³

NL: Decree formaldehyde in textiles (Warenwetbesluit formaldehyde in textiel), Decision of 22. March 2001; Limit for articles with skin contact: 120 mg/kg

NO: Forskrift om begrensning i bruk av helse- og miljøfarlige kjemikalier og andre produkter (produktforskriften); Limits: textiles with skin contact: 100 mg/kg, textiles for children < 3 years: 30 mg/kg

SE: KIFS 2017:7; Limit in timber products: 0,124 mg/m³

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
Formaldehyde	50-00-0				

Harmful Substances

Test Method: inhouse-method; Extraction in organic solvent, detection by GC-MSD, identification of gc-capable organic compounds after alignment in a reference mass spectra library, semi quantitative determination

EU: Regulation (EC) 1907/2006; Substances and mixtures which are classified as harmful under regulation (EC) 1272/2008 shall not be used in ornamental articles, tricks, jokes and games.

EU: Regulation (EC) 1907/2006; Substances which are classified as carcinogenic, mutagenic or toxic for reproduction of categorie 1A, 1B or 2 under regulation (EC) 1272/2008 shall not be used as substance, part of other substances or in mixtures above the specific or general concentration limit.

Metals, total content

Test Method: EPA 3015A, EN ISO 17294-2, EN 16711-1

DK (Cadmium): BEK 858 af 05/09/2009; general ban of cadmium containing products, Limit: 75 mg/kg

DK (Lead): BEK 856 af 05/09/2009; general ban of lead containing products, Limit: 100 mg/kg

DK (Mercury): BEK nr 73 af 25/01/2016; general ban of mercury containing products, Limit: 100 mg/kg

EU (Cadmium): Regulation (EC) 1907/2006; Limits: in varnish and paints (on article): 0,1%; in plastics: 100 mg/kg, in metal/alloys of jewellery/decorative elements: 100 mg/kg

EU (Lead): Regulation (EC) 1907/2006; no use of lead carbonates and sulfates; no use of lead in wood preservatives; Limits: in jewellery: 0,05%; articles or accessible parts thereof, which can be placed in the mouth by children: 0,05% or \leq 0,05 μ g/cm²/h

NO (Mercury): Regulation No. 922 of 1st June 2004 (Produktforskriften); Limit 10 mg/kg

SE (Mercury): Förordning SFS 1998:944; Prohibition of products in which mercury was used or intentionally added

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
Cadmium	7440-43-9	Lead	7439-92-1	Mercury	7439-97-6

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Organotin compounds

Test Method: CEN/TS 16179 (mod.)

EU: Regulation (EC) 1907/2006; DBT: Limit: 0,1 % tin; DOT: Limit for textile articles with skin contact, gloves, shoes, wall and floor covering, baby articles, women care articles, nappies: 0,1 % tin; Trisubstituted organostannic compounds (i.a. TBT, TPhT): Limit: 0,1 % tin

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
Dibutyltin DBT		Tributyltin TBT		Triphenyltin TPhT	
Diocetyl tin DOT					

Perfluorinated compounds (PFC)

Test Method: CEN/TS 15968 (mod.); Extraction with organic solvent, GC/MS/PCI

EU: Regulation 2019/1021; Limits: PFOA 0,025 mg/kg; Sum PFOA related substances (non exhaustive list): 1 mg/kg

 EU: Regulation 2019/1021; Limits: PFOS, its salts and derivatives (non exhaustive list) for textiles and coated materials: < 1 µg/m², for other articles: 0,1%

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
1-Decanaminium, N-decyl-N,N-dimethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonate	251099-16-8	Ethyl perfluorooctanoate Et-PFOA	3108-24-5	N-Methyl perfluorooctanesulfonamide MeFOSA (C8)	31506-32-8
1H,1H,2H,2H-Perfluoro-1-decanol 8:2 FTOH	678-39-7	Methyl perfluorooctanoate Me-PFOA	376-27-2	Perfluorooctane sulfonate PFOS (C8)	1763-23-1
1H,1H,2H,2H-Perfluorodecane sulfonic acid 8:2 FTS	39108-34-4	N-(2-Hydroxyethyl)-N-methylperfluorooctanesulfonamide MeFOSE	24448-09-7	Perfluorooctane sulfonate PFOS-X (salt or alcohol)(detected as PFOS)	2795-39-9 et al.
1H,1H,2H,2H-Perfluorodecyl acrylate 8:2 FTA	27905-45-9	N-Ethyl-N-(2-hydroxyethyl)perfluorooctylsulfonamide EtFOSE	1691-99-2	Perfluorooctanesulfonamide PFOSA (C8)	754-91-6
1H,1H,2H,2H-Perfluorodecyl methacrylate 8:2 FTMA	1996-88-9	N-Ethyl-Perfluorooctanesulfonamid EtFOSA (C8)	4151-50-2	Perfluorooctanesulfonyl fluoride PFOSF (C8)	307-35-7

Pesticides

Test Method: EPA M 8270C; EPA 3545A (mod.)

CH: ChemRRV 814.81; Consumer products that contain DDT are not marketable

EU: Regulation 2019/1021; Articles may not contain substances from annex I

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
1,1,1-Trichlor-2,2-bis-(4-chlorophenyl)ethane (DDT) und isomeres	50-29-3	Dicofol	115-32-2	Kepone / Chorodecone	143-50-0
a-Hexachlorocyclohexane	319-84-6	Dieldrine	60-57-1	Lindan	58-89-9
Aldrine	309-00-2	Endosulfan alpha	959-98-8	Mirex	2385-85-5
b-Hexachlorocyclohexane	319-85-7	Endosulfan beta	33213-65-9	other Hexachlorocyclohexane (isomers)	608-73-1
Chlordane cis	5103-71-9	Endrine	72-20-8	Pentachlorobenzene	608-93-5
Chlordane trans	5103-74-2	Heptachlor	76-44-8	Polychlorinated naphtalenes	
DDT ortho, para	789-02-6	Hexachlorobenzene	118-74-1	Toxaphene	8001-35-2
d-Hexachlorocyclohexane	319-86-8	Hexachlorobutadiene	87-68-3		

Phenylmercury compounds

Test Method: EPA 3015 A, EN ISO 17294-2, EN 16711-1; solvent extraction GC/MS

EU: Regulation (EC) 1907/2006; Limit 0,01% (calculated in mercury)

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
Phenylmercury 2-ethylhexanoate	13302-00-6	Phenylmercury neodecanoate	26545-49-3	Phenylmercury propionate	103-27-5
Phenylmercury acetate	62-38-4	Phenylmercury octanoate	13864-38-5		

Phthalates - Plasticizers

Test Method: EN ISO 14389 (mod.)

DK: BEK nr 947 af 20/06/2020; Limits for child products and toys for children <36 months: 0,05% (Except DEHP, BBP, DBP, DIBP, DNOP, DIDP, DINP)

EU: Regulation (EC) 1907/2006; Limit for toys and childcare articles; Sum (DEHP, BBP, DBP, DIBP) = 0,1%; Sum (DNOP, DIDP, DINP) = 0,1%

EU: Regulation 1907/2006; Limit DIHP, DMEP, DIPP, DPP, DHP: 0,1% (each and sum of all limited phthalates through REACH annex XVII)

EU: Regulation 1907/2006; Limit for phthalates in articles: DEHP, BBP, DBP, DIBP: 0,1% (individually or in combination)

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
Butylbenzyl phthalate / BBP	85-68-7	Dibutyl phthalate / DBP	84-74-2	Di-iso-butylphthalate / DIBP	84-69-5
Di-(2-ethylhexyl)-phthalate / DEHP	117-81-7				

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Polycyclic Aromatic Hydrocarbons PAH

Test Method: AfPS GS 2019:01 PAK

AfPS GS 2019:01 PAK: The AfPS document classifies applicable limits in 3 categories for children and adult. The evaluation into these categories results on the basis of the AfPS document. Limits: 11 limits for PAH single substances, sum limit of 4 PAH's (Phenanthrene, Pyrene, Anthracene, Fluoranthene) and sum limit of all 15 PAH's

DE: ProdSG; LFGB §30; BfR-Recommendation No. 025/2009: PAH content in consumer goods should be as low as possible; For products with GS-certification the product has to comply with document AfPS GS 2019:01 PAK.

EU: Regulation (EC) 1907/2006; Limits for articles with direct and prolonged or short-term repetitive skin/oral cavity contact. Adults: 1 mg/kg; Children: 0,5 mg/kg (8 cancerogenic PAHs marked with *)

EU: Regulation 1907/2006; Limit: 1 mg/kg (8 cancerogenic PAHs marked with *)

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
Anthracene	120-12-7	Benzo(g,h,i)-perylene	191-24-2	Fluoranthene	206-44-0
Benzo(a)anthracene*	56-55-3	Benzo(j)fluoranthene*	205-82-3	Indeno(1,2,3-cd)pyrene	193-39-5
Benzo(a)pyrene*	50-32-8	Benzo(k)fluoranthene*	207-08-9	Naphthalene	91-20-3
Benzo(b)fluoranthene*	205-99-2	Chrysene*	218-01-9	Phenanthrene	85-01-8
Benzo(e)pyrene*	192-97-2	Dibenzo(a,h)anthracene*	53-70-3	Pyrene	129-00-0

Quality - Odour

Test Method: SNV 195 651; Inhouse method: Storage of article (time and temperature according to intended use) and subsequent odour evaluation by 6 test persons.

Packaging, additional requirements

Test Method: EN 62321 / EPA 3050B / EN ISO 17294-2 / EN ISO 17075 (Heavy metals); CEN ISO/TS 16186 (mod.) (Dimethylfumarate); X-ray fluorescence analysis (RFA) (Cobalt dichloride)

EU (Cobaltdichloride): Directive 2001/95/EC

EU (Dimethylfumarate): Regulation (EC) 1907/2006; Limit 0,1 mg/kg

EU (Heavy metals): Directive 94/62/EC; Limit: sum lead, cadmium, mercury, chromium VI: 100 mg/kg

Parameter	CAS No	Parameter	CAS No	Parameter	CAS No
Cadmium	7440-43-9	Cobalt dichloride	7646-79-9	Lead	7439-92-1
Chromium VI		Dimethylfumarate	624-49-7	Mercury	7439-97-6

Disclaimer:

This requirement profile was generated on the basis of appropriate specific legally regulated requirements.
 The substances or groups of substances are specifically named in laws, ordinances, or other regulations and are subject to corresponding limit values.
 In addition, a product that is placed on the market must be safe for the user and the environment.
 Therefore, further national and international legal regulations that regulate product safety and those superordinate, must be considered (for example ProdSG, General Product Safety Directive 2001/95/EC). This may lead to further testing requirements regarding additional substances. This is product specific and can be clarified based on a detailed assessment of components and materials.
 The processing of binding material and preparations may also lead to exceeding the requirements imposed on the components and materials.
 Furthermore, the requirements relate only to the product groups presented.
 Each individual product requires an individual professional evaluation.
 It may be that with the respective product, several product groups can be relevant and further requirements may apply.
 Therefore, in case of any overlapping of product groups (eg: product group footwear and product group electronics), it must be ensured that additional standards and regulations must be considered and strictly adhered to.
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