

VALENTINO

Valentino S.p.A.

Product Restricted Substances List (PRSL)

2026



Application Area: Worldwide

User Category: Adult

Owner: Product Compliance Department

Release date: April 2026

TABLE OF CONTENTS

1.	Notes.....	4
2.	Change log for the 2026 Valentino PRSL.....	5
3.	Product Restricted Substances List (PRSL).....	9
3.1	Textile.....	9
3.1.1	Textile - coating material.....	12
3.2	Leather.....	13
3.3	Plastic.....	16
3.4	Metal.....	17
3.5	Glass and Crystal.....	18
3.6	Wood and related materials.....	19
3.7	Paper and related materials.....	20
3.8	Natural Materials (horn, bone, mother-of-pearl, others).....	21
3.9	Feather and Down.....	22
3.10	Additional Requirements for Footwear.....	23
3.11	Additional Requirements for Footwear - GB 25038-2024.....	23
3.12	Additional Requirements for Packaging.....	25
4.	Product Safety Requirements.....	27
4.1	Main Requirements (all products).....	27
4.2	Flammability for Textile (raw material and finished product).....	27
5.	Glossary: Abbreviations & Definitions.....	29
6.	Unit of Measure Conversion Table.....	31
7.	Appendices.....	33

1. NOTES

1. This document does not cover specific safety requirements for items other than those of the "fashion system" (Ready to Wear, Soft Accessories, Footwear, Leather goods, Jewellery, Eyewear and their Packaging); for example, toys, baby care products, food contact products, electrical and electronic products, cosmetic products, etc. are excluded.
2. For any other product different from those of the "fashion system", all the compliance and safety requirements are established by the specific regulations in force in each country of production and distribution.
3. The supplier shall perform any inspections and analytical tests requested by the Product Compliance Office to ensure full conformity with the applicable requirements and with this PRSL. Any related costs shall be borne by the supplier in the cases provided for under the applicable internal procedures. The supplier shall apply the test methods in force at the time of article delivery, together with any updates communicated by the Product Compliance Department. This clause is consistent with section 4.3 of the Supplier Code of Conduct and the relevant internal operating procedures on product compliance and testing.
4. EC Regulation no. 1907/2006 (REACH) and EC Regulation no. 2025/40 (PPWR):
 - All materials must be provided in accordance with EC Regulations and all their amendments in force at the time of delivery of the items (<http://echa.europa.eu/en/home>);
 - All materials must comply with REACH and PPWR requirements regarding SVHC ("Candidate List" <http://echa.europa.eu/en/candidate-list-table>) at the time of delivery of the items. In the event that any SVHC is present (more than 0,1% w/w or 1000 ppm), the supplier must inform us immediately.
5. Under Regulation (EU) 2024/573, fluorinated greenhouse gases must not be present in finished products. Placing on the market products or equipment that contain or release substances governed by Regulation (EU) 2024/590 (which repealed Regulation (EC) No 1005/2009) is likewise prohibited. The supplier remains responsible for regulatory compliance and, upon request, shall provide appropriate absence and compliance statements. This clause applies across all product categories covered by the PRSL.
6. All test methods referred to in regulations must be performed according to the release in force at the time of delivery of the items.
7. This document will be updated annually (or when deemed necessary) by the Product Compliance Department, as global laws and regulations are constantly evolving.
8. Substances banned in all chemical products used to process/manufacture raw materials and finished products are listed in ZDHC MRSL (last release).

2. CHANGE LOG FOR THE 2026 VALENTINO PRSL

PRSL Section	Parameter	Change	Page
Textile	Chlorophenols	Added dichlorophenols and monochlorophenols with a 3 ppm limit (sum)	9
	Colour fastness: Saliva	Removed the colour fastness to saliva parameter	9
	Heavy Metals (extractable)	Added Selenium with a 100 ppm limit	10
	Organotin compounds	Lowered limit on other organotin compounds to ≤ 1 ppm	10
	PFAS	- Lowered limit on Total Fluorine to ≤ 50 ppm; - Updated test method for Total Fluorine to ISO 20999; Ref. EN 17813; - Removed previously listed PFAS sub-categories; - Added new category "All PFAS excluding polymers" with a 25 ppb limit (test method: EN 17681-1:2022 / EN 17681-2:2022 Target Analysis with Solvent); - Added new category "Sum of all PFAS excluding polymers" with a 250 ppb (sum) limit (test method: EN 17681-1:2025 Target Analysis with Hydrolysis)	11
Textile - coating material	Quinoline	Updated test method to ISO 13144	11
	BPA	Lowered limit on BPA to ≤ 1 ppm	12
	Phthalates	- Lowered limit on DHP-DnHP to 50 ppm; - Added DCHP and DIOP with a 1000 ppm (sum) limit	12
Leather	UV-Stabilizers	Added a specific limit of 10 ppm for UV 328	12
	Bisphenols	Updated test methods for bisphenols	13
	Chlorophenols	- Added dichlorophenols with a 1 ppm limit; - Added monochlorophenols with a 2 ppm limit	13
	Heavy Metals (extractable)	- Added Antimony with a 30 ppm limit; - Added Arsenic with a 1 ppm limit; - Added Barium with a 1000 ppm limit; - Added Cobalt with a 4 ppm limit; - Added Copper with a 50 ppm limit; - Added Chromium with a 200 ppm limit (excluding chrome-tanned leather); - Added Nickel with a 4 ppm limit; - Added Selenium with a 100 ppm limit	14
	Organotin compounds	Lowered limit on other organotin compounds to ≤ 1 ppm	14
	Pesticides	Added specific limit of 0,01 ppm for methoxychlor	14
	PFAS	- Lowered limit on Total Fluorine to ≤ 50 ppm; - Removed previously listed PFAS sub-categories; - Added "All PFAS excluding polymers" category, with a 25 ppb limit (test method: ISO 23702-1; FTOH and FTA: solvent extraction and GC-MS analysis); - Added "Sum of all PFAS excluding polymers" category, with a 250 ppb (sum) limit (test method: Ref. EN 17681-1:2025 Target Analysis with Hydrolysis)	14
	Phthalates	- Lowered limit on DHP-DnHP to 50 ppm; - Added DHP-branched and D(C6-C10)P with a 50 ppm limit; - Added DCHP and DIOP with a 1000 ppm (sum) limit	15
Plastic	UV-Stabilizers	Added a specific limit of 10 ppm for UV 328	15
	Dyes: Allergenic Disperse	Added with a not detectable (≤ 5 ppm) limit	16

Change log			
PRSL Section	Parameter	Change	Page
Plastic	Soluble Lead	Added with a 90 ppm limit on PVC only	16
	Soluble Cadmium	Added with a 75 ppm limit on PVC only	16
	Volatile matter	Added with a 20 g/m ² limit on PVC only	16
	PFAS	- Lowered limit on Total Fluorine to ≤ 50 ppm; - Added "All PFAS excluding polymers" category, with a 25 ppb limit (test method: Ref. EN 17681-1:2022 / Ref. EN 17681-2:2022 Target Analysis with Solvent); - Added "Sum of all PFAS excluding polymers" category, with a 250 ppb (sum) limit (test method: Ref. EN 17681-1:2025 Target Analysis with Hydrolysis)	16
	Phthalates	- Lowered limit on DHP-DnHP to 50 ppm; - Added DHP-branched and D(C6-C10)P with a 50 ppm limit; - Added DCHP and DIOP with a 1000 ppm (sum) limit	16
	UV-Stabilizers	Added a specific limit of 10 ppm for UV 328	17
Metal	PFAS	- Lowered limit on Total Fluorine on coating materials to ≤ 50 ppm; - Added "All PFAS excluding polymers" category, with a 25 ppb limit on coating materials (test method: Ref. EN 17681-1:2022 / Ref. EN 17681-2:2022 Target Analysis with Solvent); - Added "Sum of all PFAS excluding polymers" category, with a 250 ppb on coating materials (sum) limit (test method: Ref. EN 17681-1:2025 Target Analysis with Hydrolysis)	18
	Phthalates	- Lowered limit on DHP-DnHP to 50 ppm; - Added DHP-branched and D(C6-C10)P with a 50 ppm limit; - Added DCHP and DIOP with a 1000 ppm (sum) limit	18
Glass and Crystal	PFAS	- Lowered limit on Total Fluorine to ≤ 50 ppm; - Added "All PFAS excluding polymers" category, with a 25 ppb limit (test method: Ref. EN 17681-1:2022 / Ref. EN 17681-2:2022 Target Analysis with Solvent); - Added "Sum of all PFAS excluding polymers" category, with a 250 ppb (sum) limit (test method: Ref. EN 17681-1:2025 Target Analysis with Hydrolysis)	18
Wood and related materials	PFAS	- Lowered limit on Total Fluorine to ≤ 50 ppm; - Added "All PFAS excluding polymers" category, with a 25 ppb limit (test method: Ref. EN 17681-1:2022 / Ref. EN 17681-2:2022 Target Analysis with Solvent); - Added "Sum of all PFAS excluding polymers" category, with a 250 ppb (sum) limit (test method: Ref. EN 17681-1:2025 Target Analysis with Hydrolysis)	19
Paper and related materials	PFAS	- Lowered limit on Total Fluorine to ≤ 50 ppm; - Added "All PFAS excluding polymers" category, with a 25 ppb limit (test method: Ref. EN 17681-1:2022 / Ref. EN 17681-2:2022 Target Analysis with Solvent); - Added "Sum of all PFAS excluding polymers" category, with a 250 ppb (sum) limit (test method: Ref. EN 17681-1:2025 Target Analysis with Hydrolysis)	20
	Phthalates	- Lowered limit on DHP-DnHP to 50 ppm; - Added DHP-branched and D(C6-C10)P with a 50 ppm limit; - Added DCHP and DIOP with a 1000 ppm (sum) limit; - Expanded the applicability of phthalates requirements for paper and related materials (previously limited to printing/coating materials)	21
Natural Materials (horn, bone, mother-of-pearl)		Entire new PRSL section	21, 22

Change log			
PRSL Section	Parameter	Change	Page
Feathers and Down	-	New PRSL section, consolidating the "hygiene and cleanliness for down" requirements from previous PRSL editions, plus new specific requirements for down or decorative feathers	22
	Oxygen index number	Removed limits based on EN 1162, JIS L1903 and ASTM D-4522 (retained limit based on GB/T 10288-2016)	22
	Alkylphenols and Alkylphenols Ethoxylates	Added with down-only limits: 10 ppm (sum) for NP+OP and 100 ppm (sum) for NP+OP+NPEO+OPEO	22
	Dyes: Azo	Added with a 20 ppm limit, applicable to decorative feathers only	22
	Formaldehyde (free and extractable)	Added with a 75 ppm limit, applicable to decorative feathers only	22
	Turbidity	Added with a ≥ 500 mm limit, applicable to down only	22
	Fat and Oil Content	Added with a 1,2% limit, applicable to down only	22
	Odours	Added with a down-only requirement of no odour	22
Additional Requirements for Footwear - GB 25038-2024		Entire new PRSL section	23, 24
Additional Requirements for Packaging		Entire new PRSL section	25, 26
Appendices: CAS lists		Expanded CAS scope in Appendix 4 (Chlorobenzenes and Chlorotoluenes)	35
		Expanded CAS scope in Appendix 7 (Flame Retardants)	37
		Expanded CAS scope in Appendix 15 (Pesticides)	40, 41
		- New, unique appendix for PFAS (Appendix 16) with expanded list of substances; - Removed previous Appendix 16-1, 16-2, 16-3, 16-4	42, 43
		Expanded CAS scope in Appendix 17 (Phthalates)	44
		Expanded CAS scope in Appendix 18 (PCB)	44
		Expanded CAS scope in Appendix 23 (UV-Stabilizers)	46
		Added a new appendix for Bisphenols (Appendix 24)	47

3. PRODUCT RESTRICTED SUBSTANCES LIST (PRSL)

3.1 Textile

Parameter		UM	Requirements	Test method reference
Asbestos (Appendix 2)		mg/kg	Not detected	Microscopic examination
Bisphenols (Appendix 24)	BPA	mg/kg	≤ 1 (polyester/elastane materials only)	Solvent extraction, LC-MS / GC-MS analysis
	BPF	mg/kg		
	BPS	mg/kg		
	BPB	mg/kg		
	BPAF	mg/kg		
Boric Acid		mg/kg	≤ 1000	Screening Test: acid digestion ICP-MS; Specific Test: Aqueous extraction-TEA derivatization-GC-MS
Chlorobenzenes and Chlorotoluenes (Appendix 4)		mg/kg	≤ 1 (sum)	EN 17137
Chloroparaffins	Chloroparaffins: Short chained (SCCPs: C ₁₀ -C ₁₃)	mg/kg	≤ 50 (sum)	ISO 22818
	Chloroparaffins: Medium chained (MCCPs: C ₁₄ -C ₁₇)	mg/kg	≤ 1000 (sum)	
Chlorophenols (Appendix 5)	Pentachlorophenol (PCP) Tetrachlorophenols (TeCP) Trichlorophenols (TCP)	mg/kg	$\leq 0,5$ (sum)	EN 17134-2 UNI 11057 US EPA 8081 A
	Dichlorophenol (DCP) Monochlorophenols (MCP)	mg/kg	≤ 3 (sum)	
Colour Fastness to	Dry rubbing	Grayscale	≥ 3	EN ISO 105-X12; GB 18401: GB/T 3920
	Perspiration (acid and alkaline)	Grayscale	≥ 3	EN ISO 105-E04; GB 18401: GB/T 3922
	Water	Grayscale	≥ 3	EN ISO 105-E01; GB 18401: GB/T 5713
Dimethyl fumarate		mg/kg	$\leq 0,1$	ISO/TS 16186 - GB/T 26713
Dyes	Allergenic Disperse (Appendix 1)	mg/kg	Not detectable (≤ 5 mg/kg)	DIN 54231 ISO 16373-2
	Azo: aryl amines can be split off under reductive conditions (Appendix 8)	mg/kg	≤ 20 (each)	UNI EN 14362-1,3 GB/T 17592.1; GB/T 23344
	Carcinogenic (Appendix 3)	mg/kg	Not detectable (≤ 5 mg/kg)	DIN 54231 - Analysis TLC and LC-MS ISO 16373-3

Textile				
Parameter		UM	Requirements	Test method reference
Dyes	Navy Blue (Appendix 10)	mg/kg	Not detectable (≤ 5 mg/kg)	Based on DIN 54231
Flame Retardants (Appendix 7)		mg/kg	Not detectable (≤ 5 mg/kg)	GB/T 24279 - ISO 17881-1-2 Extraction with organic solvent – Analysis by GC-MS; GC-ECD; LC-MS; KS 62321
Formaldehyde (free and extractable)		mg/kg	≤ 75	EN ISO 14184-1 GB 18401: GB/T 2912.1 KS K 0611
Heavy Metals (extractable)	Antimony	mg/kg	≤ 30	Extractable Content: extraction with acid perspiration according to: EN 16711-2 Cr (VI); GB/T 17593-3; ISO 17075
	Arsenic	mg/kg	≤ 1	
	Cadmium	mg/kg	$\leq 0,1$	
	Chromium (total)	mg/kg	≤ 2	
	Chromium VI	mg/kg	$\leq 0,5$	
	Cobalt	mg/kg	≤ 4	
	Copper	mg/kg	≤ 50	
	Lead	mg/kg	≤ 1	
	Mercury	mg/kg	$\leq 0,02$ (natural fibres only)	
	Selenium	mg/kg	≤ 100	
	Nickel	mg/kg	≤ 4	
Heavy Metals (total amount)	Cadmium	mg/kg	≤ 50	EN 16711-1
	Lead	mg/kg	≤ 100	EN 16711-1
Mercury compounds (Appendix 9)		mg/kg	≤ 1 (mercury)	Screening Test method: ISO 17072-2 EN 16711-1
Ethoxylates Alkylphenols (Appendix 12)	Nonylphenol ethoxylates (NPEO)	mg/kg	≤ 100 (sum)	ISO 18254 -1
	Octylphenol ethoxylates (OPEO)	mg/kg	≤ 250 (non-washable recycled materials only)	
Alkylphenols (Appendix 13)	Nonylphenols (NP)	mg/kg	≤ 10 (sum)	Extraction with organic solvent – Analysis by GC-MS referred to ISO 21084
	Octylphenols (OP)	mg/kg		
Odours			None	GB 18401 part 6.7
Organotin compounds (Appendix 14)		mg/kg	≤ 1 (TBT, TBTO, TPhT)	ISO/TS 16179 KS K 0737 NIEA T504.30B3 EN ISO 22744
		mg/kg	≤ 1 (others)	
Ortho-phenylphenol (OPP)		mg/kg	≤ 100	Extraction with organic solvent - GC-MS EN 17134-2
Pesticides (Appendix 15)		mg/kg	≤ 1 (sum) (PCP and TeCP excluded)	Chromatographic Test Methods refer to US EPA 8081

Textile				
Parameter		UM	Requirements	Test method reference
PFAS (Appendix 16)	All PFAS as Total Fluorine (TF)	mg/kg	≤ 50	ISO 20999; Ref. EN 17813
	All PFAS excluding polymers (Appendix 16)	$\mu\text{g/kg}$	≤ 25	EN 17681-1:2022 EN 17681-2:2022 Target Analysis with Solvent
	Sum of all PFAS excluding polymers (Appendix 16)	$\mu\text{g/kg}$	≤ 250 (sum)	EN 17681-1:2025 Target Analysis with Hydrolysis
pH value of aqueous extract			4,0 - 7,5	EN ISO 3071 GB 18401: GB/T 7573
Polychlorobiphenyls (PCB) (Appendix 18)		mg/kg	$\leq 0,1$	Ref. EPA 3540C + EPA 8082A
Polychloronaphthalenes (PCN) (Appendix 19)		mg/kg	≤ 1	Ref. EPA 3550C + EPA 8270E
Polycyclic Aromatic Hydrocarbons (IPA - PAH) (Appendix 20)		mg/kg	≤ 1 (synthetic fibers only)	AfPS GS 2019:01 ISO/TS 16190
Quinoline (CAS 91-22-5)		mg/kg	≤ 50	ISO 13144
Siloxanes (Appendix 21)		mg/kg	≤ 1000	Solvent extraction, GC-MS analysis

3.1.1 Textile Coating Material

Parameter		UM	Requirements	Test method reference
Bisphenol A (BPA)		mg/kg	≤ 1	Solvent extraction, LC-MS / GC-MS analysis
Heavy Metals	Cadmium	mg/kg	N.A.	EN 16711-1 CPSC-CH-E1003-09.1
	Lead	mg/kg	≤ 90	Microwave digestion; ICP-MS/OES - CPSC-CH-E-1003-09.1 - GB/T 30157
	Mercury	mg/kg	≤ 10	Microwave digestion ICP-MS/OES
Phthalates (Appendix 17)	BBP, DBP, DEHP, DIBP, DPP, DMEP, DIHP, DHNUP, DHP- DnHP, DHP-branched, D(C6-C10)P	mg/kg	≤ 50 (each)	EN 14389 CPSC-CH-C1001-09.4 GB/T 20388 ISO 8124-6
	DIDP, DNOP, DINP, DCHP, DIOP	mg/kg	≤ 1000 (sum)	
	All other esters of o-phthalic acid	mg/kg	N.A.	
Solvents (Appendix 22)		mg/kg	According to dedicated appendix	GB 19340:2003 "Extraction HS - SPME or Purge & Trap and Analysis by GC-MS" ISO/TS 16189
UV-Stabilizers (Appendix 23)		mg/kg	≤ 1000 UV 328 ≤ 10	ISO/DIS 24040 Solvent extraction, LC- MS analysis

3.2 Leather

Parameter		UM	Requirements	Test method reference
Asbestos (Appendix 2)		mg/kg	Not detected	Microscopic examination
Bisphenols (Appendix 24)	BPA	mg/kg	≤ 200	EN ISO 11936
	BPF	mg/kg	≤ 1000	
	BPS	mg/kg	≤ 1000	
	BPB	mg/kg	≤ 1000	
	BPAF	mg/kg	≤ 1000	
Boric Acid		mg/kg	≤ 1000	Screening Test: acid digestion - ICP-MS Specific Test: aqueous extraction - TEA derivatization - GC-MS
Chloroparaffins	Chloroparaffins: Short chained (SCCPs: C ₁₀ -C ₁₃)	mg/kg	≤ 50 (sum)	ISO 18219-1
	Chloroparaffins: Medium chained (MCCPs: C ₁₄ -C ₁₇)	mg/kg	≤ 1000 (sum)	ISO 18219-2
Chlorophenols (Appendix 5)	Pentachlorophenol (PCP) Tetrachlorophenols (TeCP) Trichlorophenols (TCP)	mg/kg	$\leq 0,5$ (sum)	EN ISO 17070
	Dichlorophenol (DCP)	mg/kg	≤ 1	
	Monochlorophenols (MCP)	mg/kg	≤ 2	
Chromium VI		mg/kg	≤ 3	EN ISO 17075-2
Dimethyl fumarate		mg/kg	$\leq 0,1$	ISO/TS 16186
Dioxins and furans (Appendix 6)		mg/kg	According to dedicated appendix	Extraction with organic solvent - Analysis by GC-MS
Dyes	Allergenic Disperse (Appendix 1)	mg/kg	Not detectable (≤ 5 mg/kg)	DIN 54231
	Azo: aryl amines can be split off under reductive conditions (Appendix 8)	mg/kg	≤ 30 (each)	EN ISO 17234-1,2 GB 20400: GB/T 19942 JIS L 1940
	Carcinogenic (Appendix 3)	mg/kg	Not detectable (≤ 5 mg/kg)	DIN 54231 - Analysis TLC and LC-MS ISO 16373-2
	Navy Blue (Appendix 10)	mg/kg	Not detectable (≤ 1 mg/kg)	Based on DIN 54231
Flame Retardants (Appendix 7)		mg/kg	Not detectable (≤ 5 mg/kg)	Extraction with organic solvent - Analysis by: GC-MS; GC-ECD; LC-MS - GB/T 24279;
Formaldehyde (free and extractable)		mg/kg	≤ 75	EN ISO 17226-1 GB 20400: GB/T 19941
Glutaraldehyde		mg/kg	≤ 1000	Extraction with organic solvent + Analysis by GC-MS; ISO/DIS 25202

Leather				
Parameter		UM	Requirements	Test method reference
Heavy Metals (extractable)	Cadmium	mg/kg	≤ 0,1	EN ISO 17072-1
	Lead	mg/kg	≤ 0,8	
	Antimony	mg/kg	≤ 30	
	Arsenic	mg/kg	≤ 1	
	Barium	mg/kg	≤ 1000	
	Cobalt	mg/kg	≤ 4	
	Copper	mg/kg	≤ 50	
	Chromium	mg/kg	≤ 200 (excluding chrome tanned leather)	
	Nickel	mg/kg	≤ 4	
	Selenium	mg/kg	≤ 100	
	Mercury	mg/kg	≤ 0,02	
Heavy Metals (total amount)	Cadmium	mg/kg	≤ 75	EN ISO 17072-2
	Lead	mg/kg	≤ 100 ≤ 90 (patent leather)	
Mercury compounds (Appendix 9)		mg/kg	≤ 1 (mercury)	Screening Test method: ISO 17072-2
Ethoxylates Alkylphenols (Appendix 12)	Nonylphenol ethoxylates (NPEO) Octylphenol ethoxylates (OPEO)	mg/kg	≤ 100 (sum)	Extraction with organic solvent - Analysis by LC-MS ISO 18218-1
Alkylphenols (Appendix 13)	Nonylphenols (NP) Octylphenols (OP)	mg/kg	≤ 100 (sum)	Extraction with organic solvent - Analysis by GC-MS refer to ISO 21084
Organotin compounds (Appendix 14)		mg/kg	≤ 1 (TBT, TBTO, TPhT)	ISO/TS 16179
			≤ 1 (others)	
Ortho-phenylphenol		mg/kg	≤ 750	ISO 13365
Pesticides (Appendix 15)		mg/kg	≤ 1 (sum) (PCP and TeCP excluded) methoxychlor ≤ 0,01 mg/kg	Chromatographic Test Methods refer to US EPA 8081
PFAS (Appendix 16)	All PFAS as Total Fluorine (TF)	mg/kg	≤ 50	Ref. EN 17813
	All PFAS excluding polymers (Appendix 16)	µg/kg	≤ 25	ISO 23702-1; FTOH and FTA: solvent extraction and GC-MS analysis
	Sum of all PFAS excluding polymers (Appendix 16)	µg/kg	≤ 250 (sum)	Ref. EN 17681-1:2025 Target Analysis with Hydrolysis
pH (skin contact)			3,5 - 7,5	EN ISO 4045

Leather				
Parameter		UM	Requirements	Test method reference
Phthalates (Appendix 17)	BBP, DBP, DEHP, DIBP, DPP, DMEP, DIHP, DHNUP, DHP-DnHP, DHP-branched, D(C6-C10)P	mg/kg	≤ 50 (each)	CPSC-CH-C1001-09.4 Ref. ISO 16181
	DIDP, DNOP, DINP, DCHP, DIOP	mg/kg	≤ 1000 (sum)	
	All other esters of o-phthalic acid	mg/kg	N.A.	
Polychlorobiphenyls (PCB) (Appendix 18)		mg/kg	$\leq 0,1$	Ref. EPA 3540C + EPA 8082A
Polychloronaphthalenes (PCN) (Appendix 19)		mg/kg	≤ 1	Ref. EPA 3550C + EPA 8270E
Siloxanes (Appendix 21)		mg/kg	≤ 1000	Solvent extraction, GC-MS analysis
Solvents (Appendix 22)		mg/kg	According to dedicated appendix	GB 19340:2003 “Extraction HS - SPME or Purge & Trap and analysis by GC-MS”; ISO/TS 16189
UV-Stabilizers (Appendix 23)		mg/kg	≤ 1000 UV 328 ≤ 10	ISO/DIS 24040 Solvent extraction, LC-MS analysis

3.3 Plastic

Parameter		UM	Requirements	Test method reference
Asbestos (Appendix 2)		mg/kg	Not detected	Microscopic examination
Bisphenol A	Migration	mg/L	≤ 0,04	EN 71-10/11 (migration)
	Total amount	mg/kg	≤ 1	Solvent extraction, LC-MS / GC-MS analysis
Chloroparaffins	Chloroparaffins: Short chained (SCCPs: C ₁₀ -C ₁₃)	mg/kg	≤ 50 (sum)	Ref. ISO 18219-1
	Chloroparaffins: Medium chained (MCCPs: C ₁₄ -C ₁₇)		≤ 1000 (sum)	Ref. ISO 18219-2
Dioxins and Furans (Appendix 6)		mg/kg	According to dedicated appendix	Extraction with organic solvent - GC-MS
Dyes	Allergenic Disperse (Appendix 1)	mg/kg	Not detectable (≤ 5 mg/kg)	Ref. DIN 54231
Flame Retardants (Appendix 7)		mg/kg	Not detectable (≤ 5 mg/kg)	Extraction with organic solvent - Analysis by GC-MS; GC-ECD; LC-MS
Heavy Metals (total amount)	Cadmium	mg/kg	≤ 75	EN 1122 (Microwave digestion - ICP)
	Lead	mg/kg	≤ 100 ≤ 90 (coating materials)	Microwave digestion; ICP-MS/OES - ref: CPSC-CH-E-1002-08.3 CPSC-CH-E-1003-09.1 (painted access.)
	Mercury	mg/kg	≤ 10 (coating materials)	Microwave digestion ICP-MS/OES
Soluble Lead		mg/kg	≤ 90 (PVC)	GB 21550
Soluble Cadmium		mg/kg	≤ 75 (PVC)	
Volatile Matter		g/m ²	≤ 20 (PVC)	
Organotin compounds (Appendix 14)		mg/kg	≤ 1 (TBT, TBTO, TPhT)	ISO/TS 16179
			≤ 2 (others)	
PFAS (Appendix 16)	All PFAS as Total Fluorine (TF)	mg/kg	≤ 50	Ref. EN 17813
	All PFAS excluding polymers (Appendix 16)	µg/kg	≤ 25	Ref. EN 17681-1:2022 Ref. EN 17681-2:2022 Target Analysis with Solvent
	Sum of all PFAS excluding polymers (Appendix 16)	µg/kg	≤ 250 (sum)	Ref. EN 17681-1:2025 Target Analysis with Hydrolysis
Phthalates (Appendix 17)	BBP, DBP, DEHP, DIBP, DPP, DMEP, DIHP, DHNUP, DHP-DnHP, DHP-branched, D(C6-C10)P	mg/kg	≤ 50 (each)	CPSC-CH-C1001-09.4; ISO 8124-6
	DIDP, DNOP, DINP, DCHP, DIOP	mg/kg	≤ 1000 (sum)	
	All other esters of o-phthalic acid	mg/kg	N.A.	

Plastic			
Parameter	UM	Requirements	Test method reference
Polychlorobiphenyls (PCB) (Appendix 18)	mg/kg	$\leq 0,1$	Ref. EPA 3540C + EPA 8082A
Polychloronaphthalenes (PCN) (Appendix 19)	mg/kg	≤ 1	Ref. EPA 3550C + EPA 8270E
Polycyclic Aromatic Hydrocarbons (IPA - PAH) (Appendix 20)	mg/kg	≤ 1	AfPS GS 2019:01 PAK
Siloxanes (Appendix 21)	mg/kg	≤ 1000	Solvent extraction, GC-MS analysis
Solvents (Appendix 22)	mg/kg	According to dedicated appendix	GB 19340:2003 "Extraction HS - SPME or Purge & Trap and analysis by GC-MS"; ISO/TS 16189
UV-Stabilizers (Appendix 23)	mg/kg	≤ 1000 UV 328 ≤ 10	ISO/DIS 24040 Solvent extraction, LC-MS analysis
VCM - vinyl chloride monomer (CAS 75-01-4)	mg/kg	≤ 1	EN 6401

3.4 Metal

Parameter		UM	Requirements	Test method reference
Arsenic (total amount)		mg/kg	≤ 1000	Microwave digestion ICP-MS/OES GB/T 21198-6 - GB/T 28021
Bisphenol A (BPA)		mg/kg	≤ 1 (coating materials)	Solvent extraction, LC-MS / GC-MS analysis
Chromium VI		mg/kg	≤ 1000	GB/T 28019
Heavy Metals (total amount)	Cadmium	mg/kg	≤ 75	Microwave digestion ICP-MS/OES ref: GB/T 28021
	Lead	mg/kg	≤ 100 ≤ 90 (coating materials)	Microwave digestion ICP-MS/OES ref: CPSC-CH-E-1001-08.3; CPSC-CH-E-1003-09.1 (painted acc.) GB/T 28021
	Mercury	mg/kg	≤ 1000 ≤ 10 (coating materials)	Microwave digestion ICP-MS/OES GB/T 21198-6 - GB/T 28021
Nickel (released from metal accessories in direct and prolonged contact with skin)		$\mu\text{g}/\text{cm}^2/\text{week}$	$\leq 0,50$ $\leq 0,20$ (only for pierced parts of human body)	EN 1811 (no coated, no painted and no plated accessories) EN 12472 + EN 1811 (coated, painted and plated accessories) EN 16128 (spectacle frames and sunglasses)

Metal				
Parameter		UM	Requirements	Test method reference
PFAS (Appendix 16)	All PFAS as Total Fluorine (TF)	mg/kg	≤ 50 (coating materials)	Ref. EN 17813
	All PFAS excluding polymers (Appendix 16)	µg/kg	≤ 25 (coating materials)	Ref. EN 17681-1:2022 Ref. EN 17681-2:2022 Target Analysis with Solvent
	Sum of all PFAS excluding polymers (Appendix 16)	µg/kg	≤ 250 (sum) (coating materials)	Ref. EN 17681-1:2025 Target Analysis with Hydrolysis
Phthalates (coating materials) (Appendix 17)	BBP, DBP, DEHP, DIBP, DPP, DMEP, DIHP, DHNUP, DHP- DnHP, DHP-branched, D(C6-C10)P	mg/kg	≤ 50 (each)	CPSC-CH-C1001-09.4 Ref. ISO 16181
	DIDP, DNOP, DINP, DCHP, DIOP	mg/kg	≤ 1000 (sum)	
	All other esters of o-phthalic acid	mg/kg	N.A.	
Polychlorobiphenyls (PCB) (Appendix 18)		mg/kg	≤ 0,1 (coating materials)	Ref. EPA 3540C + EPA 8082A
Polychloronaphthalenes (PCN) (Appendix 19)		mg/kg	≤ 1 (coating materials)	Ref. EPA 3550C + EPA 8270E

3.5 Glass and Crystal

Parameter		UM	Requirements	Test method reference
Bisphenol A (BPA)		mg/kg	≤ 1 (coating materials)	Solvent extraction, LC-MS / GC-MS analysis
Heavy Metals (total amount)	Cadmium	mg/kg	≤ 75	Microwave digestion ICP-MS/OES ref: CPSC-CH-E-1002-08.3
	Lead (*)	mg/kg	≤ 100 ≤ 90 (coating materials)	CPSC-CH-E-1002-08.3 CPSC-CH-E-1003-09.1 (painted accessories)
	Mercury	mg/kg	≤ 1000 ≤ 10 (coating materials)	Microwave digestion ICP-MS/OES
PFAS (Appendix 16)	All PFAS as Total Fluorine (TF)	mg/kg	≤ 50 (coating materials)	Ref. EN 17813
	All PFAS excluding polymers (Appendix 16)	µg/kg	≤ 25 (coating materials)	Ref. EN 17681-1:2022 Ref. EN 17681-2:2022 Target Analysis with Solvent
	Sum of all PFAS excluding polymers (Appendix 16)	µg/kg	≤ 250 (sum) (coating materials)	Ref. EN 17681-1:2025 Target Analysis with Hydrolysis
Polychlorobiphenyls (PCB) (Appendix 18)		mg/kg	≤ 0,1 (coating materials)	Ref. EPA 3540C + EPA 8082A
Polychloronaphthalenes (PCN) (Appendix 19)		mg/kg	≤ 1 (coating materials)	Ref. EPA 3550C + EPA 8270E

(*) As an exemption, the Lead total amount is not applicable to crystal as defined in Annex I (categories 1, 2, 3 and 4) of the Directive 69/493/EEC.

3.6 Wood and related materials

Parameter		UM	Requirements	Test method reference
Asbestos (Appendix 2)		mg/kg	Not detected	Microscopic examination
Bisphenol A (BPA)		mg/kg	≤ 1 (coating materials)	Solvent extraction, LC-MS / GC-MS analysis
Boric Acid		mg/kg	≤ 1000	Screening Test: acid digestion - ICP-MS; Specific Test: aqueous extraction - TEA derivatization - GC-MS
Dimethyl fumarate		mg/kg	≤ 0,1	ISO/TS 16186
Flame Retardants (Appendix 7)		mg/kg	Not detectable (≤ 5 mg/kg)	Extraction with organic solvent - Analysis by GC-MS; GC-ECD; LC-MS
Formaldehyde (free and extractable)		mg/kg	≤ 75	EN 717-3
Heavy Metals (total amount)	Arsenic	mg/kg	≤ 1	Microwave digestion - ICP-MS/OES
	Cadmium	mg/kg	≤ 75	EN 1122 Microwave digestion; ICP-MS/OES ref: CPSC-CH-E-1004-11
	Lead	mg/kg	≤ 90 (coating materials)	Microwave digestion; ICP-MS/OES - ref: CPSC-CH-E-1002-08.3 CPSC-CH-E-1003-09.1 (painted acc.)
	Mercury	mg/kg	≤ 1000 ≤ 10 (painted accessories)	Microwave digestion ICP-MS/OES
Mercury compounds (Appendix 9)		mg/kg	≤ 1 (mercury)	Microwave digestion; ICP-MS/OES
Organotin compounds: (Appendix 14)		mg/kg	≤ 1 (TBT, TBTO, TPhT) ≤ 2 (others)	ISO/TS 16179
Chlorophenols (Appendix 5)	Pentachlorophenol (PCP) Tetrachlorophenols (TeCP) Trichlorophenols (TCP)	mg/kg	≤ 0,5	BVL B 82.02-08 (modified) - Potassium Hydroxide extraction direct LC-MS analysis or derivatization followed by GC-MS analysis
PFAS (Appendix 16)	All PFAS as Total Fluorine (TF)	mg/kg	≤ 50	Ref. EN 17813
	All PFAS excluding polymers (Appendix 16)	µg/kg	≤ 25	Ref. EN 17681-1:2022 Ref. EN 17681-2:2022 Target Analysis with Solvent
	Sum of all PFAS excluding polymers (Appendix 16)	µg/kg	≤ 250 (sum)	Ref. EN 17681-1:2025 Target Analysis with Hydrolysis
Polychlorobiphenyls (PCB) (Appendix 18)		mg/kg	≤ 0,1 (coating materials)	Ref. EPA 3540C + EPA 8082A
Polychloronaphthalenes (PCN) (Appendix 19)		mg/kg	≤ 1 (coating materials)	Ref. EPA 3550C + EPA 8270E
Polycyclic Aromatic Hydrocarbons (IPA - PAH) (Appendix 20)		mg/kg	≤ 1	AfPS GS 2014:01 PAK

Wood and related materials			
Parameter	UM	Requirements	Test method reference
Preservatives: Cyfluthrin, Cypermethrin, Deltamethrin, Lindane, Permethrin	mg/kg	≤ 5 Cyfluthrin, Cypermethrin, Deltamethrin, Permethrin ≤ 1 Lindane	EN 71-9: GC Test Method (GC-MS; GC-ECD); extraction ethylic alcohol/acetic acid
Siloxanes (Appendix 21)	mg/kg	≤ 1000	Solvent extraction, GC-MS analysis
Solvents (Appendix 22)	mg/kg	According to dedicated appendix	GB 19340:2003 “Extraction HS- SPME or Purge & Trap and analysis by GC-MS” ISO/TS 16189

3.7 Paper and related materials

Parameter		UM	Requirements	Test method reference
Dyes	Azo Dyes: aryl amines can be split off under reductive conditions (Appendix 8)	mg/kg	≤ 20	UNI EN ISO 14362-1,3 GB/T 17592.1 GB/T 23344
Bisphenols (Appendix 24)	BPA	mg/kg	≤ 200	Solvent extraction, LC-MS / GC-MS analysis
	BPF	mg/kg	≤ 1000	
	BPS	mg/kg	≤ 1000	
Formaldehyde (free and extractable)		mg/kg	≤ 75	EN 645; EN 1541
Heavy Metals (total amount)	Cadmium	mg/kg	≤ 100 (sum)	Microwave digestion ICP-MS/OES ref: CPSC-CH-E-1002-08.3; Cr VI: EN ISO 17075-2
	Chromium VI	mg/kg		
	Lead	mg/kg		
	Mercury	mg/kg		
Ethoxylates Alkylphenols (Appendix 12)	Nonylphenol ethoxylates (NPEO)	mg/kg	≤ 100 (sum)	Extraction with organic solvent Analysis by LC-MS, ref: ISO 18254-1
	Octylphenol ethoxylates (OPEO)			
Alkylphenols (Appendix 13)	Nonylphenols (NP)	mg/kg	≤ 100 (sum)	Extraction with organic solvent Analysis by GC-MS, ref: ISO 18857-1
	Octylphenols (OP)			
PFAS (Appendix 16)	All PFAS as Total Fluorine (TF)	mg/kg	≤ 50	Ref. EN 17813
	All PFAS excluding polymers (Appendix 16)	µg/kg	≤ 25	Ref. EN 17681-1:2022 Ref. EN 17681-2:2022 Target Analysis with Solvent
	Sum of all PFAS excluding polymers (Appendix 16)	µg/kg	≤ 250 (sum)	Ref. EN 17681-1:2025 Target Analysis with Hydrolysis

Paper and related materials				
Parameter		UM	Requirements	Test method reference
Phthalates (Appendix 17)	BBP, DBP, DEHP, DIBP, DPP, DMEP, DIHP, DHNUP, DHP-DnHP, DHP-branched, D(C6-C10)P	mg/kg	≤ 50 (each)	CPSC-CH-C1001-09.4 Ref. ISO 16181
	DIDP, DNOP, DINP, DCHP, DIOP	mg/kg	≤ 1000 (sum)	
	All other esters of o-phthalic acid	mg/kg	N.A.	
Siloxanes (Appendix 21)		mg/kg	≤ 1000	Solvent extraction, GC-MS analysis

3.8 Natural Materials (horn, bone, mother-of-pearl, others)

Parameter		UM	Requirements	Test method reference
Dyes	Allergenic Disperse (Appendix 1)	mg/kg	Not detectable (≤ 5 mg/kg)	DIN 54231 ISO 16373-2
	Azo: aryl amines can be split off under reductive conditions (Appendix 8)	mg/kg	≤ 20 (each)	UNI EN 14362-1,3 GB/T 17592.1 GB/T 23344
	Carcinogenic (Appendix 3)	mg/kg	Not detectable (≤ 5 mg/kg)	DIN 54231 - Analysis TLC and LC-MS ISO 16373-3
	Navy Blue (Appendix 10)	mg/kg	Not detectable (≤ 5 mg/kg)	Ref. DIN 54231
Formaldehyde (free and extractable)		mg/kg	≤ 75	EN ISO 14184-1 GB 18401: GB/T 2912.1 KS K 0611
Heavy Metals (total amount)	Cadmium	mg/kg	≤ 75	Microwave digestion ICP-MS/OES ref: GB/T 28021
	Lead	mg/kg	≤ 100	Microwave digestion ICP-MS/OES ref: CPSC-CH-E-1001-08.3 CPSC-CH-E-1003-09.1 (painted access.) GB/T 28021
		mg/kg	≤ 90 (only for coated or painted materials)	
	Mercury	mg/kg	≤ 1000	Microwave digestion ICP-MS/OES GB/T 21198-6 - GB/T 28021
		mg/kg	≤ 10 (only for coated or painted materials)	
Ethoxylates Alkylphenols (Appendix 12)	Nonylphenol ethoxylates (NPEO)	mg/kg	≤ 100 (sum)	ISO 18254 -1
	Octylphenol ethoxylates (OPEO)			

Natural Materials (horn, bone, mother-of-pearl, others)				
Parameter		UM	Requirements	Test method reference
Alkylphenols (Appendix 13)	Nonylphenols (NP)	mg/kg	≤ 10 (sum)	Extraction with organic solvent - Analysis by GC-MS ISO 21084
	Octylphenols (OP)			
PFAS (Appendix 16)	All PFAS as Total Fluorine (TF)	mg/kg	≤ 50	Ref. EN 17813
	All PFAS excluding polymers (Appendix 16)	$\mu\text{g/kg}$	≤ 25	Ref. EN 17681-1:2022 Ref. EN 17681-2:2022 Target Analysis with Solvent
	Sum of all PFAS excluding polymers (Appendix 16)	$\mu\text{g/kg}$	≤ 250 (sum)	Ref. EN 17681-1:2025 Target Analysis with Hydrolysis

3.9 Feather and Down

Parameter		UM	Requirements	Test method reference
Hygiene and Cleanliness Requirements	Mesophilic aerobic microbial count	CFU/g	$< 10^6$	EN 1884
	Salmonella microbial count	CFU/g	Absent in 20 g	EN 1884
	Streptococci microbial count	CFU/g	$< 10^2$	EN 1884
	Sulphite reducing clostridia microbial count	CFU/g	$< 10^2$	EN 1884
	Oxygen index number	mg/100 g	$\leq 5,6$	GB/T 10288-2016
Alkylphenols (Appendix 13)	Nonylphenols (NP)	mg/kg	≤ 10 (sum) (for down only)	GB/T 14272-2021; GB/T 23322-2018
	Octylphenols (OP)			
Alkylphenols and Ethoxylates Alkylphenols (Appendix 12, Appendix 13)	Nonylphenols (NP)	mg/kg	≤ 100 (sum) (for down only)	GB/T 14272-2021; GB/T 23322-2018
	Octylphenols (OP)			
	Nonylphenol ethoxylates (NPEO)			
	Octylphenol ethoxylates (OPEO)			
Dyes	Azo: aryl amines can be split off under reductive conditions (Appendix 8)	mg/kg	≤ 20 (each) (for decorative feathers only)	UNI EN 14362-1,3 GB/T 17592.1; GB/T 23344
Formaldehyde (free and extractable)		mg/kg	≤ 75 (for decorative feathers only)	EN ISO 14184-1 GB 18401: GB/T 2912.1 KS K 0611
Turbidity		mm	≥ 500 (for down only)	GB/T 10288-2016
Fat and Oil Content		%	$\leq 1,2\%$ (for down only)	GB/T 10288-2016
Odours			None	GB/T 10288-2016

3.10 Additional Requirements for Footwear

Parameter		UM	Requirements	Test method reference
Chlorophenols	Uppers, linings and insoles (made of textile, synthetic leather and artificial leather)	mg/kg	PCP ≤ 0,5 2,3,5,6-TeCP ≤ 0,5	GB/T 18414.1 - 2
Arsenic		mg/kg	≤ 1	GB/T 17593.4
Cadmium		mg/kg	≤ 0,1	GB/T 17593.1
Lead		mg/kg	≤ 1	GB/T 17593.1
pH Value			4,0 - 9,0	GB/T 7573
Azo dyes: aryl amines can be split off under reductive conditions (Appendix 8)	Textile, synthetic leather, artificial leather, leather and fur	mg/kg	≤ 20 (textile) ≤ 30 (leather and fur)	GB/T 17592 textile; GB/T 19942 leather and fur
Dimethyl fumarate		mg/kg	≤ 0,1	ISO/TS 16186; GB/T 26713
Formaldehyde		mg/kg	≤ 75	GB/T 2912.1 textile; GB/T 19941 leather and fur
Colour fastness to rubbing	Lining and insoles (staining)	gray scale	≥ 2/3	QB/T 2882
N-nitrosamines (Appendix 11)	Rubber components	mg/kg	≤ 0,5	GB/T 24153

3.11 Additional Requirements for Footwear - GB 25038-2024

Parameter		UM	Requirements	Test method reference
Azo dyes: aryl amines can be split off under reductive conditions (Appendix 8)	Textiles	mg/kg	≤ 20	GB/T 17592
	Artificial leather, synthetic leather	mg/kg	≤ 30	
	Leather, fur	mg/kg	≤ 30	GB/T 19942
Chloroparaffins: Short chained (SCCPs: C ₁₀ -C ₁₃)	Textiles, artificial leather, synthetic leather, leather, fur, synthetic materials such as rubber, plastic, etc	mg/kg	≤ 1500	GB/T 40263 Textiles
				GB/T 38405 for leather, fur, artificial leather and synthetic leather
				SN/T 3814 for synthetic materials such as rubber, plastics
Chlorophenols	Textiles, artificial leather, synthetic leather	mg/kg	PCP ≤ 0,5 2,3,5,6-TeCP ≤ 0,5	GB/T 18414.1
	Leather, fur	mg/kg	PCP ≤ 0,5	GB/T 22808
Chromium VI	Leather, fur	mg/kg	≤ 10	GB/T 38402: Chromatographic method
Dimethyl fumarate	Textiles, artificial leather, synthetic leather, leather, fur	mg/kg	≤ 0,1	GB/T 26713

Additional Requirements for Footwear: GB 25038-2024				
Parameter		UM	Requirements	Test method reference
Formaldehyde (free and extractable)	Textiles, artificial leather, synthetic leather	mg/kg	≤ 75 - Materials in direct contact with skin	GB/T 2912.1
			≤ 300 - Materials not in direct contact with skin	
	Leather, fur	mg/kg	≤ 75 - Materials in direct contact with skin	GB/T 19941.1
			≤ 300 - Materials not in direct contact with skin	
Phthalates: DEHP, DBP, BBP, DIBP	Materials with coatings (prints), artificial leather, synthetic leather, synthetic materials such as rubber, plastic, etc.	mg/kg	≤ 1000 (0,1%)	GB/T 32440.1

3.12 Additional Requirements for Packaging

The requirements in this section apply to all materials used for packaging or packaging components and shall be considered additional to the relevant material-specific requirements set out in this PRSL.

Parameter		UM	Requirements	Test method reference	
Mineral Oil Aromatic Hydrocarbons (MOAH)	MOAH consisting of 1 to 7 aromatic rings	mg/kg	≤ 1000	Solvent extraction with LC-GC-FID analysis	
	MOAH consisting of 3 to 7 aromatic rings	mg/kg	≤ 1		
Mineral Oil Saturated Hydrocarbons (MOSH)	MOSH consisting of 16 to 35 carbons	mg/kg	≤ 1000		
Heavy Metals (total amount)	Cadmium	mg/kg	≤ 100 (sum)	Microwave digestion ICP-MS/OES ref: CPSC-CH-E-1002-08.3; Cr VI: EN ISO 17075-2	
	Chromium VI	mg/kg			
	Lead	mg/kg			
	Mercury	mg/kg			
pH			The product shall not contain sulfur and sulfides, as well as free acids, chlorine and strong alkalis.	Textile parts of packaging (e.g., dust bags, ribbons): EN ISO 3071; Leather trims, leather labels used in packaging: EN ISO 4045	KSA (SASO) – Applicable SASO requirements for packaging (latest edition)*
Alkylphenol ethoxylates and all Alkylphenol products (Appendix 12, 13)		mg/kg	Banned	<i>Alkylphenol Ethoxylates</i> Paper, cardboard, textiles, plastics, coatings: EN ISO 18254-1 (LC-MS); Leather components: EN ISO 18218-1 (LC-MS) <i>Alkylphenols</i> All materials (textile, leather, paper, polymers): ISO 21084 (GC-MS); Paper, cardboard, specialty packaging papers: ISO 18857-1 (GC-MS)	
Azo dyes: aryl amines can be split off under reductive conditions (Appendix 8)		mg/kg	Banned	All materials except leather: EN ISO 14362-1:2017; Leather: EN ISO 17234-1:2024 <i>p-Aminoazobenzene</i> All materials except leather: EN ISO 14362-3:2017; Leather: EN ISO 17234-2:2011	
Polycyclic Aromatic Hydrocarbons (IPA - PAH) (Appendix 20)		µg/kg	1	Plastics, rubber parts, coatings, inks: AfPS GS 2019:01 PAK (GC-MS)	

Additional Requirements for Packaging					
Parameter		UM	Requirements	Test method reference	
Chlorophenols	Pentachlorophenol (PCP)	mg/kg	0,1	Textile packaging elements: EN 17134-2 Leather elements in packaging: EN ISO 17070	KSA (SASO) – Applicable SASO requirements for packaging (latest edition)*
Heavy Metals in colouring materials	Silver	mg/kg	100	Substrates and inks (colouring materials) CPSC-CH-E-1002-08.3 (microwave digestion; ICP-MS/OES determination) Surface coatings (colouring materials) CPSC-CH-E-1003-09.1 (microwave digestion; ICP-MS/OES determination)	
	Arsenic	mg/kg	50		
	Barium	mg/kg	100		
	Cadmium	mg/kg	20		
	Cobalt	mg/kg	500		
	Mercury	mg/kg	4		
	Nickel	mg/kg	200		
	Lead	mg/kg	100		
	Selenium	mg/kg	20		
	Antimony	mg/kg	50		
	Tin	mg/kg	250		
	Zinc	mg/kg	1500		
*Regulatory reference (KSA): SASO Technical Regulation for Packaging and Packaging Materials (current edition). Compliance via SABER Certificate of Conformity (CoC), where applicable.					

4. PRODUCT SAFETY REQUIREMENTS

4.1 Main Requirements (All Products)

Parameter	Field of application	Requirements	Test method reference
Magnetic component	All products	Magnetic Flux Index < 50 kG ² ·mm ² and in compliance with small part test. A specific warning is mandatory	ISO 8124-1
Sharp edge	All products	No sharp edge	GB/T 31702; EN 71-1; 16 CFR Parts 1500.49; ASTM F 963 4.7
Sharp point	All products	No sharp point	GB/T 31702; EN 71-1; 16 CFR Parts 1500.48; ASTM F 963 4.8

4.2 Flammability for Textile (Raw Material and Finished Product)

Field of application	Requirements	Country	Test method reference
Adults Clothing	The flame spread over 127 mm may not be shorter than 4 seconds.	Netherlands	ASTM D1230
	Clothing Products for adults: flame spread of 127 mm must be no less than 4 seconds. Other apparel products and fabric suitable for clothing such as when testing the fabric should not have a burn time of 5 seconds or less.	Norway	ASTM D1230-61
	Textile materials shall not be so flammable and combustible that they pose a disproportionately high risk. Garments, and yarns for the manufacture of garments should not have rapid flame spread on its surface.	Switzerland	SN EN 1103
Adults Clothing	Plain Surface Fabric: Class 1; Raised Surface Fabric: Class 1 - Class 2. Exemption: Plain surface fabrics: with weight exceeding 2,6 oz/yd ² (about 88 g/m ²) or not weight dependent if obtained entirely or with a blend only made of the following fibers: acrylic, mod acrylic, nylon, olefin, polyester, wool. Raised surface fabrics: not weight dependent if obtained entirely or with a blend only made of the following fibers: acrylic, mod acrylic, nylon, olefin, polyester, wool.	USA	16 CFR Parts 1610

Flammability for Textile (Raw Material and Finished Product)

Field of application	Requirements	Country	Test method reference
General Textile Products	Textile products are prohibited if they have a flame spread time of one of the following: 3.5 seconds or less, if the product does not have a raised fiber surface; or 4 seconds or less, if the product has a raised fiber surface and exhibits ignition or fusion of its base fibers.	Canada	CAN/CGSB 4.2 N. 27.5-94
	Textile materials should not be flammable and combustible that they pose a disproportionately high risk. Garments, and yarns for the manufacture of garments should not have rapid flame spread on its surface.	Switzerland	SN EN 1101; SN EN 1102; SN EN 1103
Vinyl Plastic Film	The rate of burning shall not exceed 1.2 in/sec .	USA	16 CFR 1611

5. GLOSSARY: ABBREVIATIONS & DEFINITIONS

- CAS = Chemical Abstracts Service. CAS Registry Numbers (often referred to as CAS RNs or CAS Numbers) are unique identifiers for chemical substances.
- CEN = European Committee for Standardization.
- CEN/TS = Technical Specification established by CEN.
- CPSC = Consumer Product Safety Commission. Main U.S. government agency responsible for product safety and for enforcement of CPSIA.
- CPSIA = Consumer Product Safety Improvement Act.
- CFU (Colony Forming Units) = unit used to estimate the number of viable bacteria or fungal cells in a sample: the value shown is the base 10 logarithms of the concentration.
- DIN = German Institute for Standardisation (Deutsches Institut für Normung).
- ECD = Electron Capture Detector.
- EN = European Standard.
- EPA = Environmental Protection Agency (U.S.).
- GB = Chinese national standards issued by the Standardization Administration of China (SAC), the Chinese National Committee of the ISO and IEC. GB are mandatory standards.
- GB/T = “recommended” Chinese standards.
- GC-MS = Gas Chromatography/Mass Spectrometer.
- ICP-MS = Inductively Coupled Plasma Mass Spectrometry.
- ISO = International Organization for Standardization.
- ISO/TS = ISO technical specification.
- JIS = Japanese Industrial Standard.
- LFGB = Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch - German Law Book on food, consumer article and feed.
- LC-MS = Liquid Chromatography/Mass Spectrometer.
- mg/L = milligram per liter.
- mg/kg = milligram per kilogram, unit describing concentrations of chemical substances. 1 mg/kg can also be notated as 1 ppm (Parts Per Million) or 1 microgram per gram (µg/g).
- pH = potential of hydrogen; it is a numeric scale used to specify the acidity or basicity of an aqueous solution.
- N.A. = Not applicable.

- Not detectable ($\leq XX$ mg/kg) = the number XX is the lowest limit value which can be detected by the selected test method.
- Not detected = the substance must not be present in the finished product.
- REACH = Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals.
- SPME = Solid-phase micro extraction.
- SVHC = Substance of Very High Concern.
- TLC = Thin-Layer Chromatography.
- UNI = Ente Nazionale Italiano di Unificazione, is a non-profit private association recognized by Italian State and the European Union.

6. UNIT OF MEASURE CONVERSION TABLE

mg/kg (ppm)	0,01	0,1	1	10	100	1.000	10.000	100.000	1.000.000
%	0,000001	0,00001	0,0001	0,001	0,01	0,1	1	10	100

7. APPENDICES

1. Allergenic Disperse Dyes
2. Asbestos
3. Carcinogenic Dyes
4. Chlorobenzenes and Chlorotoluenes
5. Chlorophenols
6. Dioxins and Furans
7. Flame Retardants
8. Forbidden Aryl Amines
9. Mercury Compounds
10. Navy Blue
11. N-nitrosamines
12. Nonylphenol Ethoxylates (NPEO) - Octylphenol Ethoxylates (OPEO)
13. Nonylphenols (NP) - Octylphenols (OP)
14. Organotin Compounds
15. Pesticides
16. PFAS
17. Phthalates
18. Polychlorobiphenyls (PCB)
19. Polychloronaphthalenes (PCN)
20. Polycyclic Aromatic Hydrocarbons (IPA - PAH)
21. Siloxanes
22. Solvents: Chlorinated Solvents, Volatile Organic Compounds (VOC) and Other Solvents
23. UV-Stabilizers
24. Bisphenols

Appendix 1: Allergenic Disperse Dyes		C.I. No.	CAS No.
1	C.I. Disperse Blue 1	C.I. 64 500	2475-45-8
2	C.I. Disperse Blue 3	C.I. 61 505	2475-46-9
3	C.I. Disperse Blue 7	C.I. 62 500	3179-90-6
4	C.I. Disperse Blue 26	C.I. 63 305	3860-63-7
5	C.I. Disperse Blue 102		12222-97-8
6	C.I. Disperse Blue 106		12223-01-7
7	C.I. Disperse Blue 124		61951-51-7
8	C.I. Disperse Brown 1		23355-64-8
9	C.I. Disperse Orange 1	C.I. 11 080	2581-69-3
10	C.I. Disperse Orange 3	C.I. 11 005	730-40-5
11	C.I. Disperse Orange 37/76	C.I. 11 132	12223-33-5; 13301-61-6
12	C.I. Disperse Orange 59	C.I. 11 132	13301-61-6
13	C.I. Disperse Orange 149 (*)		85136-74-9
14	C.I. Disperse Red 1	C.I. 11 110	2872-52-8
15	C.I. Disperse Red 11	C.I. 62 015	2872-48-2
16	C.I. Disperse Red 17	C.I. 11 210	3179-89-3
17	C.I. Disperse Yellow 1	C.I. 10 345	119-15-3
18	C.I. Disperse Yellow 3	C.I. 11 855	2832-40-8
19	C.I. Disperse Yellow 9	C.I. 10 375	6373-73-5
20	C.I. Disperse Yellow 23 (*)		6250-22-3
21	C.I. Disperse Yellow 39		12236-29-2
22	C.I. Disperse Yellow 49		54824-37-2
23	C.I. Disperse Blue 35		56524-77-7; 56524-76-6
(*) Azo dye from which forbidden aryl amine (4-amino azobenzene) can be split off under reductive conditions.			

Appendix 2: Asbestos		CAS No.
1	Actinolite	77536-66-4
2	Amosite	12172-73-5
3	Anthophyllite	77536-67-5
4	Chrysotile	12001-29-5
5	Crocidolite	12001-28-4
6	Tremolite	77536-68-6

Appendix 3: Carcinogenic Dyes		C.I. No.	CAS No.
1	C.I. Acid Red 26	C.I. 16 150	3761-53-3
2	C.I. Acid Red 114		6459-94-5
3	C.I. Basic Blue 26		2580-56-5
4	C.I. Basic Green 4 (Chloride)		569-64-2
5	C.I. Basic Green 4 (Free)		10309-95-2
6	C.I. Basic Green 4 (Oxalate)		2437-29-8
7	C.I. Basic Red 9	C.I. 42 500	569-61-9
8	C.I. Basic Violet 3		548-62-9
9	C.I. Basic Violet 14	C.I. 42 510	632-99-5
10	C.I. Direct Black 28	C.I. 35260	6745-67-1
11	C.I. Direct Black 38	C.I. 30 235	1937-37-7
12	C.I. Direct Blue 6	C.I. 22 610	2602-46-2
13	C.I. Direct Blue 15		2429-74-5
14	C.I. Direct Brown 95		16071-86-6
15	C.I. Direct Red 28	C.I. 22 120	573-58-0
16	C.I. Disperse Blue 1	C.I. 64 500	2475-45-8
17	C.I. Disperse Yellow 3	C.I. 11 855	2832-40-8
18	C.I. Disperse Yellow 23 (*)	C.I. 26 070	6250-23-3
19	C.I. Disperse Orange 11	C.I. 60700	82-28-0
20	C.I. Disperse Orange 149 (*)		85136-74-9
21	C.I. Pigment Red 104	C.I. 77605	12656-85-8
22	C.I. Pigment Yellow 34	C.I. 77603	1344-37-2
23	C.I. Solvent Yellow 1	C.I. 11100	60-09-3
24	C.I. Solvent Yellow 3		97-56-3
25	C.I. Direct Blue 28		
26	C.I. Congo Red		573-58-0
27	C.I. Solvent Violet 8		561-41-1
(*) Azo dye from which forbidden aryl amine (4-amino azobenzene) can be split off under reductive conditions.			

Appendix 4: Chlorobenzenes and Chlorotoluenes		CAS No.
1	Chlorotoluenes (all isomers)	25168-05-2
2	Dichlorobenzenes (all isomers)	25321-22-6
3	Dichlorotoluenes (all isomers)	29797-40-8
4	Hexachlorobenzene	118-74-1
5	Pentachlorobenzene	608-93-5
6	Pentachlorotoluene	877-11-2
7	Tetrachlorobenzenes	634-66-2; 634-90-2; 95-94-3
8	Tetrachlorotoluenes	2136-89-2; 5216-25-1
9	Trichlorobenzenes (all isomers)	12002-48-1
10	Trichlorotoluenes	2077-46-5; 6639-30-1; 98-07-7; 94-99-5; 2014-83-7; 102-47-6

Appendix 5: Chlorophenols		CAS No.
1	Pentachlorophenol (PCP)	87-86-5
2	2,3,5,6 Tetrachlorophenols	935-95-5
3	2,3,4,6 Tetrachlorophenols	58-90-2
4	2,3,4,5 Tetrachlorophenols	4901-51-3
5	2,3,4-Trichlorophenol	15950-66-0
6	2,3,5-Trichlorophenol	933-78-8
7	2,3,6-Trichlorophenol	933-75-5
8	2,4,5-Trichlorophenol	95-95-4
9	2,4,6-Trichlorophenol	88-06-2
10	3,4,5-Trichlorophenol	609-19-8
11	2,3-Dichlorophenol	576-24-9
12	2,4-Dichlorophenol	120-83-2
13	2,5-Dichlorophenol	583-78-8
14	2,6-Dichlorophenol	87-65-0
15	3,4-Dichlorophenol	95-77-2
16	3,5-Dichlorophenol	591-35-5
17	2-Chlorophenol	95-57-8
18	3-Chlorophenol	108-43-0
19	4-Chlorophenol	106-48-9

Appendix 6: Dioxins and Furans		CAS No.	Group	Limit (µg/kg)
1	1,2,3,7,8-pentachlorodibenzo-p-dioxin	40321-76-4	1	≤ 1
2	2,3,4,7,8-pentachlorodibenzo-furan	57117-31-4		
3	2,3,7,8-tetrachlorodibenzo-furan	51207-31-9		
4	2,3,7,8-tetrachlorodibenzo-p-dioxin	1746-01-6		
5	1,2,3,4,7,8-hexachlorodibenzo-p-dioxin	39227-28-6	2	≤ 5
6	1,2,3,6,7,8-hexachlorodibenzo-p-dioxin	57653-85-7		
7	1,2,3,6,7,8-hexachlorodibenzofuran	57117-44-9		
8	1,2,3,7,8,9-hexachlorodibenzo-p-dioxin	19408-74-3		
9	1,2,3,7,8,9-hexachlorodibenzofuran	57117-41-6		
10	1,2,3,7,8-pentachlorodibenzofuran	57117-41-6		
11	2,3,4,6,7,8-hexachlorodibenzofuran	60851-34-5		
12	1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin	35822-46-9	3	≤ 100
13	1,2,3,4,6,7,8-heptachlorodibenzofuran	67562-39-4		
14	1,2,3,4,6,7,8,9-octachlorodibenzo-p-dioxin	3268-87-9		
15	1,2,3,4,6,7,8,9-octachlorodibenzofuran	39001-02-0		
16	1,2,3,4,7,8,9-heptachlorodibenzofuran	55673-89-7		
17	1,2,3,7,8-pentabromodibenzo-p-dioxin	109333-34-8	4	≤ 1
18	2,3,4,7,8-pentabromodibenzofuran	131166-92-2		
19	2,3,7,8-tetrabromodibenzofuran	67733-57-7		
20	2,3,7,8-tetrabromodibenzo-p-dioxin	50585-41-6	4	≤ 1

21	1,2,3,4,7,8-hexabromodibenzo-p-dioxin	110999-44-5	5	≤ 5
22	1,2,3,6,7,8-hexabromodibenzo-p-dioxin	110999-45-6		
23	1,2,3,7,8-pentabromodibenzofuran	107555-93-1		
24	1,2,3,7,8,9-hexabromodibenzo-p-dioxin	110999-46-7		

Appendix 7: Flame Retardants		Short form	CAS No.
1	Bis-(2,3-dibromopropyl ether) of tetrabromobisphenol	BDBPT	21850-44-2
2	Bis-(2,3-dibromopropyl)phosphate	BIS	5412-25-9
3	Decabromodiphenylether	DecaBDE	1163-19-5
4	Heptabromodiphenylether	HeptaBDE	various
5	Hexabromocyclododecane	HBCDD	25637-99-4; 3194-55-6; 134237-50-6; 134237-51-7; 134237-52-8
6	Hexabromodiphenylether	HexaBDE	36483-60-0
7	Octabromodiphenylether	OctaBDE	32536-52-0
8	Pentabromodiphenylether	PBDE	32534-81-9
9	Nonabromodiphenylethers	NonaBDE	Various: 63387-28-0
			437701-79-6
			437701-78-5
10	Polybrominated Biphenyls (hexa-)	PBB	59536-65-1
11	Tetrabromobisphenol A	TBBPA	79-94-7
12	Tetrabromodiphenylether	TetraBDE	5436-43-1
13	Tri(aziridin-1-yl)phosphine oxide	TEPA	5455-55-1
14	Tris-(chloroisopropyl)phosphate	TCPP	13674-84-5
15	Tris-(1,3-dichloro-2-propyl)phosphate	TDCPP	13674-87-8
16	Tris-(2-chloroethyl)phosphate	TCEP	115-96-8
17	Tris-(2,3-dibromopropyl)phosphate	TRIS - TDBPP	126-72-7
18	2,2-Bis(bromomethyl)-1,3-propanediol	BBMP	3296-90-0
19	2-Ethylhexyl-2,3,4,5-tetrabromobenzoate	TBB	183658-27-7
20	Bis(2-ethylhexyl)-2,3,4,5-tetrabromophthalate	TBPH	26040-51-7
21	Dibromobiphenyls	DiBB	various
22	Tribromobiphenyls	TriBB	various
23	Tetrabromobiphenyls	TetraBB	various
24	Pentabromobiphenyls	PentaBB	various
25	Heptabromobiphenyls	HeptaBB	various
26	Octabromobiphenyls	OctaBB	various
27	Nonabromobiphenyls	NonaBB	various
28	Decabromobiphenyl	DecaBB	13654-09-6
29	Phenol, Isopropylated Phosphate (3:1)	PIP 3:1	68937-41-7
30	Dechlorane Plus	-	13560-89-9; 135821-03-3; 135821-74-8
31	1,1'-(ethane-1,2-diyl)bis[pentabromobenzene]	DBDPE	84852-53-9

Appendix 8: Forbidden Aryl amines		Index No.	CAS No.
1	Benzidine	612-042-00-2	92-87-5
2	Biphenyl-4-ylamin; 4-aminobiphenyl; xenylamine	612-072-00-6	92-67-1
3	o-aminoazotoluene; 4-amino-2',3-dimethylazobenzene; 4-o-tolylazo-otoluidine	611-006-00-3	97-56-3
4	o-anisidine; 2-methoxyaniline	612-035-00-4	90-04-0
5	o-toluidine; 2-aminotoluene	612-091-00-X	95-53-4
6	2,4-xylydine		95-68-1
7	2,4,5-trimethylaniline		137-17-7
8	2,6-xylydine		87-62-7
9	2-naphtylamine	612-022-00-3	91-59-8
10	3,3'-dichlorobenzidine; 3,3'-dichlorobiphenyl-4; 4'-ylenediamine	612-068-00-4	91-94-1
11	3,3'-dimethoxybenzidine; o-dianisidine	612-036-00-X	119-90-4
12	3,3-dimethylbenzidine; 4,4'-bi-o-toluidine	612-041-00-7	119-93-7
13	4,4'-methylenedianiline; 4,4'-diaminodiphenylmethane	612-051-00-1	101-77-9
14	4,4'-methylenedi-o-toluidine	612-085-00-7	838-88-0
15	4,4'-methylene-bis (2-chloro-aniline); 2,2'-dichloro-4,4'-methylenedianiline	612-078-00-9	101-14-4
16	4,4'-oxydianiline		101-80-4
17	4,4'-thiodianiline		139-65-1
18	4-amino azobenzene	611-008-00-4	60-09-3
19	4-chloroaniline		106-47-8
20	4-chloro-o-toluidine		95-69-2
21	4-methoxy-m-phenylenediamine		615-05-4
22	4-methyl-m-phenylenediamine	612-099-00-3	95-80-7
23	5-nitro-o-toluidine		99-55-8
24	6-methoxy-m-toluidine; p-cresidine		120-71-8
25	chloro-o-toluidinium chloride		3165-93-3
26	2-Naphthylammoniumacetate		553-00-4
27	4-methoxy-m-phenylene diammonium sulphate		39156-41-7
28	2,4,5-trimethylaniline hydrochloride		21436-97-5

Appendix 9: Mercury compounds		CAS No.
1	Phenylmercury acetate	62-38-4
2	Phenylmercury neodecanoate	26545-49-3
3	Phenylmercury octanoate	13864-38-5
4	Phenylmercury propionate	103-27-5
5	Phenylmercury 2-ethylhexanoate	13302-00-6

Appendix 10: Navy Blue		CAS No.
1	Navy Blue	118685-33-9

Appendix 11: N-nitrosamines		CAS No.
1	N-nitrosodiethylamine	55-18-5
2	N-nitrosodibutylamine	924-16-3
3	N-nitrosodimethylamine	62-75-9
4	N-nitrosodipropylamine	621-64-7
5	N-nitrosomorpholine	59-89-2
6	N-nitroso-N-ethylaniline	612-64-6
7	N-nitroso-N-methylaniline	614-00-6
8	N-nitrosopiperidine	100-75-4
9	N-nitrosopyrrolidine	930-55-2

Appendix 12: Nonylphenol Ethoxylates (NPEO) - Octylphenol Ethoxylates (OPEO)		CAS No.
1	Nonylphenol Ethoxylates NPEO (1-2)	Various
2	Nonylphenol Ethoxylates NPEO (3-18)	Various
3	Octylphenol Ethoxylates OPEO (1-2)	Various
4	Octylphenol Ethoxylates OPEO (3-18)	Various
5	Unknown colorant 94 (SIN list)	37205-87-1
6	4-Nonylphenyl-polyethylene glycol	9016-45-9
7	Polyoxyethylene nonylphenylether, branched (NPEs 3-18)	68412-54-4
8	Polyoxyethylene t-octylphenyl ether (OPEs 3-18)	9002-93-1
9	4-Nonylphenol, branched, ethoxylated	127087-87-0
10	4-Nonylphenol, ethoxylated	26027-38-3
11	Octylphenoethoxylate, branched	68987-90-6
12	Octylphenoethoxylate, branched	9036-19-5

Appendix 13: Nonylphenols (NP) - Octylphenols (OP)		CAS No.
1	Nonylphenol	104-40-5
2	Nonylphenol, branched	90481-04-2
3	Nonylphenol NP	Various
4	Octylphenol, branched	27193-28-8
5	Octylphenol OP	Various
6	4-Nonylphenol (various, branched and linear)	25154-52-3
7	4-Nonylphenol, branched	84852-15-3
8	4-Octylphenol (linear)	1806-26-4
9	4-(1,1,3,3-Tetramethylbutyl)-phenol; 4-(t-Octyl)phenol	140-66-9

Appendix 14: Organotin compounds		Short form
1	Dibutyltin	DBT
2	Dimethyltin	DMT
3	Dioctyltin	DOT
4	Diphenyltin	DPhT
5	Dipropyltin	DPT
6	Monobutyltin	MBT
7	Monomethyltin	MMT
8	Monooctyltin	MOT
9	Monophenyltin	MPhT
10	Tetrabutyltin	TeBT
11	Tetraethyltin	TeET
12	Tetraoctyltin	TeOT
13	Tributyltin	TBT
14	Tributyltin oxide	TBTO
15	Tricyclohexyltin	TCyHT
16	Trimethyltin	TMT
17	Trioctyltin	TOT
18	Triphenyltin	TPhT
19	Tripropyltin	TPT

Appendix 15: Pesticides		CAS No.
1	Aldrin	309-00-2
2	Azinophosetyl	2642-71-9
3	Azinophosmethyl	86-50-0
4	Bromophos-ethyl	4824-78-6
5	Captafol	2425-06-1
6	Carbaryl	63-25-2
7	Chlordane	57-74-9
8	Chlordimeform	6164-98-3
9	Chlorfenvinphos	470-90-6
10	Coumaphos	56-72-4
11	Cyfluthrin	68359-37-5
12	Cyhalothrin	91465-08-6
13	Cypermethrin	52315-07-8
14	DDD	53-19-0, 72-54-8
15	DDE	3424-82-6, 72-55-9
16	DDT	50-29-3, 789-02-6
17	DEF	78-48-8
18	Deltamethrin	52918-63-5
19	Diazinon	333-41-5
20	Dichlorprop	120-36-5

21	Dicrotophos	141-66-2
22	Dieldrin	60-57-1
23	Dimethoate	60-51-5
24	Dinoseb and salts	88-85-7
25	DTTB	57648-21-2
26	Endosulfan (a)	959-98-8
27	Endosulfan (b)	33213-65-9
28	Endrin	72-20-8
29	Esfenvalerate	66230-04-4
30	Fenvalerate	51630-58-1
31	Heptachlor	76-44-8
32	Heptachlorepoxyde	1024-57-3
33	Hexachlorobenzene	118-74-1
34	a-Hexachlorcyclohexane	319-84-6
35	b-Hexachlorcyclohexane	319-85-7
36	d-Hexachlorcyclohexane	319-86-8
37	Lindane (g-HCH)	58-89-9
38	Malathion	121-75-5
39	MCPA	94-74-6
40	MCPB	94-81-5
41	Mecoprop	93-65-2
42	Metamidophos	10265-92-6
43	Methoxychlor	72-43-5
44	Mirex	2385-85-5
45	Monocrotophos	6923-22-4
46	Parathion	56-38-2
47	Parathion-methyl	298-00-0
48	Permethrin	52645-53-1
49	Phosdrin/Mevinphos	7786-34-7
50	Profenophos	41198-08-7
51	Propethamphos	31218-83-4
52	Quinalphos	13593-03-8
53	Toxaphen (Camphechlor)	8001-35-2
54	Trifluralin	1582-09-8
55	2,4,5-T	93-76-5
56	2,4-D	94-75-7
57	Dicofol	115-32-2
58	Chlordecone (Kepone)	143-50-0
59	Hexachlorobutadiene (HCBd)	87-68-3
60	Polychlorinated terphenyls (PCTs)	Various; 61788-33-8

Appendix 16: PFAS		Short form	CAS No.
PFAS (Per- and polyfluoroalkyl substances): substances containing at least one fully fluorinated carbon structural unit, in the form –CF ₃ or –CF ₂ –, and that do not bear any hydrogen, chlorine, bromine or iodine atoms directly bonded. The definition of PFAS encompasses several thousand substances; the following non exhaustive list includes the substances most commonly encountered.			
1	2- (Perfluorohexyl)ethyl alcohol and Acetic acid / 2,2-difluoro-2-((2,2,4,5-tetrafluoro-5-(trifluoromethoxy)-1,3-dioxolan-4-yl)oxy)	C6O4	1190931-41-9
2	Perfluorooctyl phosphonic acid	C8-PFPA*	40143-78-0
3	8:2 fluorotelomer phosphate monoester	8:2 monoPAP	57678-03-2
4	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid	acid HFPO-DA*	13252-13-6
5	8:2 fluorotelomer phosphate diester	8:2 diPAP*	678-41-1
6	Perfluorooctyl Iodide	PFOI	507-63-1
7	1H,1H,2H,2H-Perfluorododecanesulphonic acid	10:2 FTS*	120226-60-0
8	Perfluorofluorononadecanoic acid	PFNDA*	133921-38-7
9	Perfluoropentadecanoic acid	PFPeDA*	141074-63-7
10	7H-Dodecafluoroheptanoic acid	HPFHpA	1546-95-8
11	Perfluorooctadecanoic acid	PFODA*	16517-11-6
12	2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol	EtFOSE	1691-99-2
13	Perfluoro-3,7-dimethyloctanoic acid	PF-3,7-DMOA*	172155-07-6
14	1H,1H,2H,2H-Perfluorooctyl acrylate	6:2-FTA	17527-29-6
15	Perfluorooctane sulfonic acid	PFOS	1763-23-1
16	1H,1H,2H,2H-Perfluorododecyl acrylate	10:2-FTA	17741-60-5
17	1H,1H,2H,2H-Perfluorodecyl methacrylate	8:2 FTMA	1996-88-9
18	1H,1H,2H,2H-Perfluorohexane-1-ol	4:2 FTOH	2043-47-2
19	1H,1H,2H,2H-Perfluorodecyl iodide	8:2 FTI*	2043-53-0
20	1H,1H,2H,2H-Perfluorododecyl iodide	10:2 FTI*	2043-54-1
21	Perfluoroundecanoic acid	PFUnA	2058-94-8
22	Perfluorononanoic acid	PFNA	21049-39-8
23	1H,1H,2H,2H Perfluorooctyl methacrylate	6:2 FTMA	2144-53-8
24	1H,1H,2H,2H-Perfluorododecyl methacrylate	10:2 FTMA*	2144-54-9
25	2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	MeFOSE*	24448-09-7
26	Perfluoropentanoic acid	PFPeA*	2706-90-3
27	Perfluoropentane sulfonic acid	PFPeS*	2706-91-4
28	1H,1H,2H,2H Perfluorooctane sulfonic Acid	1H,1H,2H,2H -PFOS	27619-97-2
29	2H,2H-Perfluorodecanoic acid	H2PFDA	27854-31-5
30	1H,1H,2H,2H-Perfluorodecyl acrylate	8:2 FTA*	27905-45-9
31	1H,1H,2H,2H-Perfluorotetradecyl iodide	12:2 FTI	30046-31-2
32	Perfluorohexanoic Acid	PFHxA*	307-24-4
33	Perfluorooctanesulfonyl fluoride	PFOSF	307-35-7
34	Perfluorododecanoic acid	PFDoA	307-55-1
35	Ethyl perfluorooctanonate	PFOA-Et*	3108-24-5
36	N-methylperfluoro-1-octansulfonamide	MeFOSA	31506-32-8
37	Perfluorohexane Sulfonic acid	PFHxS*	335-46-4
38	Perfluorooctanoyl fluoride	PFOA-F*	335-66-0
39	Perfluorooctanic acid	PFOA*	335-67-1

40	Perfluorodecanoic acid	PFDA*	335-76-2
41	Perfluorodecane sulfonic acid	PFDS*	335-77-3
42	2H,2H,3H,3H-perfluoroundecanoic acid	H4PFUnA*	34598-33-9
43	Perfluorohexane-1-sulphonic acid	PFHxS*	355-46-4
44	Perfluorobutyric acid	PFBA*	375-22-4
45	Perfluorobutanesulfonic Acid	PFBS*	375-73-5
46	Perfluoroheptanoic acid	PFHpA*	375-85-9
47	Perfluoroheptane sulfonic acid	PFHpS*	375-92-8
48	Perfluorononanoic acid	PFNA	375-95-1
49	Perfluorotetradecanoic acid	PFTeDA*	376-06-7
50	Methyl perfluorooctanoate	PFOA-Me	376-27-2
51	1H,1H,2H,2H Perfluorodecane sulfonic Acid	8:2 FTS	39108-34-4
52	1H,1H,2H,2H-perfluorotetradecan-1-ol	12:2 FTOH	39239-77-5
53	N-ethyl-perfluorooctane sulfonamide	N-Et-FOSA	4151-50-2
54	Perfluorohexane sulfonamide (PFHxSA)	PFHxSA*	41997-13-1
55	Perfluoroheptadecanoic acid	PFHpDA	57475-95-3
56	1H,1H,2H,2H-Perfluoro-1-octanol	6:2 FTOH*	647-42-7
57	1H,1H,2H,2H-Perfluoro-1-decanol	8:2 FTOH	678-39-7
58	Perfluorohexadecanoic acid	PFHxDA*	67905-19-5
59	N-Methylperfluoro-1-hexanesulfonamide	N-Me-FHxSA*	68259-15-4
60	Perfluoroicosanoic acid	C20 PFCA	68310-12-3
61	Perfluorotridecanoic acid	PFTTrDA	72629-94-8
62	perfluorooctane sulfonamide	PFOSA	754-91-6
63	1H,1H,2H,2H-Perfluoro-1-dodecanol	10:2 FTOH*	865-86-1
64	Perfluorononanesulfonic acid	PFNS*	68259-12-1
65	Perfluoroundecanesulfonic (PFUnDS)	PFUnDS*	749786-16-1
66	Perfluorododecanesulfonic acid (PFDDoDS)	PFDDoDS*	79780-39-5
67	Perfluorotridecanesulfonic acid (PFTTrDS)	PFTTrDS*	791563-89-8
68	2,2,3-trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoic	acid ADONA*	919005-14-4
69	Perfluoromethoxypropionic acid	PFPPMA*	377-73-1
70	1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2 FTS*	757124-72-4
71	N-Ethylperfluorohexanesulfonamide	N-Et-FHxSA	87988-56-5
72	8:2 Fluorotelomer unsaturated carboxylic acid	8:2 FTUCA*	70887-84-2
73	Perfluorooctane sulfonamidoacetic acid	FOSAA*	2806-24-8
74	N-Methylperfluorooctane sulfonamidoacetic acid	MeFOSAA*	2355-31-9
75	N-Ethylperfluorooctane sulfonamidoacetic acid	EtFOSAA*	2991-50-6
76	2-Perfluorohexyl ethanoic acid	FHEA*	53826-12-3
77	2-Perfluorodecyl ethanoic acid	FDEA*	53826-13-4
78	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9Cl-PF3ONS*	756426-58-1
79	1H,1H,2H,2H-Perfluorooctyl methacrylate	PFOMA	2411-53-8
80	* AND RELATED SUBSTANCES AND SALTS (reportable only as a sum, as they are quantified as the corresponding acids)		Various

For the "Sum of PFAS" only the detected substances are considered (converted substances are excluded)

Appendix 17: Phthalates		Short form	CAS No.
1	BenzylButylphthalate	BBP	85-68-7
2	Dibutylphthalate	DBP	84-74-2
3	Diisobutyl phthalate	DIBP	84-69-5
4	Di-iso-decylphthalate	DIDP	26761-40-0; 68515-49-1
5	Di-iso-nonylphthalate	DINP	28553-12-0; 68515-48-0
6	Di-pentylphthalate (n-, iso- or mixed)	DPP	131-18-0; 605-50-5; 776297-69-9; 84777-06-0
7	Di-(2-ethylhexyl)phthalate	DEHP	117-81-7
8	Di-(2-methoxyethyl)phthalate	DMEP	117-82-8
9	Di-n-octylphthalate	DNOP	117-84-0
10	Di-n-hexylphthalate	DHP-DnHP	84-75-3
11	1,2-benzendicarboxylic acid, di C6-8 branched alkyl esters C7 rich	DIHP	71888-89-6
12	1,2-benzendicarboxylic acid, di C7-11 branched and linear alkyl esters C7 rich	DHNUP	68515-42-4
13	1,2-benzenedicarboxylic acid, dihexylester, branched and linear	DHP-branched	68515-50-4
14	1,2-benzenedicarboxylic acid, di-C6-10alkyl; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diester	D(C6-C10)P	68515-51-5; 68648-93-1
15	Dicyclohexyl phthalate	DCHP	84-61-7
16	Di-i-octyl phthalate	DIOP	27554-26-3

Appendix 18: Polychlorobiphenyls		CAS No.
1	2,4,4'-trichlorobiphenyl (PCB 28)	7012-37-5
2	2,2',5,5'-tetrachlorobiphenyl (PCB 52)	35693-99-3
3	3,3',4,4'-tetrachlorobiphenyl (PCB 77)	32598-13-3
4	3,4,4',5-tetrachlorobiphenyl (PCB 81)	70362-50-4
5	2,2',4,5,5'-pentachlorobiphenyl (PCB 101)	37680-73-2
6	2,3,3',4,4'-pentachlorobiphenyl (PCB 105)	32598-14-4
7	2,3,4,4',5-pentachlorobiphenyl (PCB 114)	74472-37-0
8	2,3',4,4',5-pentachlorobiphenyl (PCB 118)	31508-00-6
9	2',3,4,4',5-pentachlorobiphenyl (PCB 123)	65510-44-3
10	3,3',4,4',5-pentachlorobiphenyl (PCB 126)	57465-28-8
11	2,2',3,4,4',5'-hexachlorobiphenyl (PCB 138)	35065-28-2
12	2,2',4,4',5,5'-hexachlorobiphenyl (PCB 153)	35065-27-1
13	2,3,3',4,4',5-hexachlorobiphenyl (PCB 156)	38380-08-4
14	2,3,3',4,4',5'-hexachlorobiphenyl (PCB 157)	69782-90-7
15	2,3',4,4',5,5'-hexachlorobiphenyl (PCB 167)	52663-72-6
16	3,3',4,4',5,5'-hexachlorobiphenyl (PCB 169)	32774-16-6
17	2,2',3,4,4',5,5'-heptachlorobiphenyl (PCB 180)	35065-29-3
18	2,3,3',4,4',5,5'-heptachlorobiphenyl (PCB 189)	39635-31-9
19	PCB (unspecified congeners)	1336-36-3

Appendix 19: Polychloronaphthalenes		CAS No.
1	2-chloronaphthalene	91-58-7
2	1,2-dichloronaphthalene	20250-69-3
3	1,2,3-trichloronaphthalene	50402-52-3
4	1,2,3,4-tetrachloronaphthalene	20020-02-4
5	1,2,3,5,7-pentachloronaphthalene	53555-65-0
6	1,2,3,4,5,6-hexachloronaphthalene	58877-88-6
7	1,2,3,4,5,6,7-heptachloronaphthalene	58863-14-2
8	Octachloronaphthalene	2234-13-1

Appendix 20: Polycyclic Aromatic Hydrocarbons (IPA - PAH)		Short form	CAS No.
1	Acenaphthene		83-32-9
2	Acenaphthylene		208-96-8
3	Anthracene		120-12-7
4	Benzo[a]anthracene	BaA	56-55-3
5	Benzo[a]pyrene	BaP	50-32-8
6	Benzo[b]fluoranthene	BbFA	205-99-2
7	Benzo[e]pyrene	BeP	192-97-2
8	Benzo[ghi]perylene		191-24-2
9	Benzo[k]fluoranthene	BkFA	207-08-9
10	Benzo[j]fluoranthene	BjFA	205-82-3
11	Chrysene	CHR	218-01-9
12	Dibenzo[a,h]anthracene	DBAhA	53-70-3
13	Fluoranthene		206-44-0
14	Fluorene		86-73-7
15	Indeno[1,2,3-cd]pyrene		193-39-5
16	Naphthalene		91-20-3
17	Phenanthrene		85-01-8
18	Pyrene		129-00-0

Appendix 21: Siloxanes		CAS No.
1	Octamethylcyclotetrasiloxane (D4)	556-67-2
2	Decamethylcyclopentasiloxane (D5)	541-02-6
3	Dodecamethylcyclohexasiloxane (D6)	540-97-6

Appendix 22: Solvents		Substance	CAS No.	Requirements	Unit	Test method reference
Chlorinated Solvents		α -Chlorotoluene	100-44-7	≤ 1	mg/kg	DIN 54232
		Methylene chloride	75-09-2	≤ 50 (sum)	mg/kg	GB 19340 “Extraction HS - SPME or Purge & Trap and Analysis by GC-MS”
		Trichloroethylene	79-01-6		mg/kg	
		1,2 Dichloroethane	107-06-2		mg/kg	
		1,1,2 Trichloroethane	79-00-5		mg/kg	
		Carbon Tetrachloride	56-23-5	≤ 1000	mg/kg	
		Chloroform	67-66-3	≤ 1000	mg/kg	
		Pentachloroethane	76-01-7	≤ 1000	mg/kg	
		Tetrachloroethylene	127-18-4	≤ 1000	mg/kg	
		1,1-Dichloroethylene	75-35-4	≤ 1000	mg/kg	
		1,1,1-Trichloroethane	71-55-6	≤ 1000	mg/kg	
		1,1,1,2-Tetrachloroethane	630-20-6	≤ 1000	mg/kg	
		1,1,2,2-Tetrachloroethane	79-34-5	≤ 1000	mg/kg	
Volatile Organic Compound (VOC)		Benzene	71-43-2	≤ 5	mg/kg	GB 19340 “Extraction HS - SPME or Purge & Trap and Analysis by GC-MS”
		Methyl Alcohol	67-56-1	≤ 1000	mg/kg	
		n-Hexane	110-54-3	≤ 150	mg/kg	
		Toluene diisocyanate (free)	26471-62-5	≤ 10	mg/kg	
		Toluene	108-88-3	≤ 200	mg/kg	
Other Solvents		N-Methyl-2-pyrrolidone (NMP)	872-50-4	≤ 1000	mg/kg	GB 19340 “Extraction HS - SPME or Purge & Trap and Analysis by GC-MS”
		N,N-Dimethylacetamide (DMAc)	127-19-5	≤ 1000	mg/kg	
		2-Methoxyethanol	109-86-4	≤ 10	mg/kg	Solvent extraction and Analysis by GC-MS/LC-MS
		Dimethylformamide (DMF)	68-12-2	≤ 200	mg/kg	ISO/TS 16189
		Acetophenone	98-86-2	≤ 50	mg/kg	EPA 5021A + EPA 8260D
		2-phenylpropan-2-ol	617-94-7	≤ 50	mg/kg	EPA 5021A + EPA 8260D
		Formamide	75-12-7	≤ 1000	mg/kg	Solvent extraction, GC- MS or LC-MS analysis

Appendix 23: UV-Stabilizers		Short form	CAS No.
1	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	UV 350	36437-37-3
2	2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol	UV 328	25973-55-1
3	2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol	UV 327	3864-99-1
4	2-Benzotriazol-2-yl-4,6-di-tert-butylphenol	UV 320	3846-71-7
5	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	UV 329	3147-75-9
6	Bumetrizole	UV 326	3896-11-5

Appendix 24: Bisphenols		Short form	CAS No.
1	Bisphenol-A (BPA)	BPA	80-05-7
2	Bisphenol S (BPS)	BPS	80-09-1
3	Bisphenol B (BPB)	BPB	77-40-7
4	Bisphenol F (BPF)	BPF	620-92-8
5	Bisphenol AF (BPAF)	BPAF	1478-61-1