



Restricted Substances List (RSL)

Chemical Compounds and Substances for Furniture and Decorative Articles

This requirement document describes WESTWING bans and restrictions on certain chemical compounds and substances due to national or international regulations and/or health and environmental concerns defined by WESTWING.

The purpose of WESTWING requirements concerning chemical substances in WESTWING products is to:

- minimize harmful effects to customers' health and to the environment from WESTWING products.
- ensure compliance of WESTWING products with health and environmental regulations in all WESTWING markets.

Unless otherwise stated, the requirements are valid for each separate homogeneous material in the product. This document will be updated regularly.

Clas	ssification	Restricted Substances	CAS No.	SVHC (Limit to trigger SCIP Notification & SVHC Communication obligations: 1000 mg/kg)	Potential Uses	Testing Method	Regulation / Limit Value
Formaldehyde	Formaldehyde content	Formaldehyde	50-00-0		Used in textiles as an anti-creasing and anti- shrinking agent. It is also often used in polymeric resins. Sources: Easy care treatment, cross-linking agent, preservatives, fix agents, adhesives & glues.	All materials except leather: EN ISO 14184-1 (ISO 14184-1) (When there is color interference by using UV-Vis method, HPLC further checking is required) Leather: EN ISO 17226-1/-2 (ISO 17226-1/-2)	EU REACH ANNEX XVII Entry 72 CMR Substances Baby (<=36 months): 16 mg/kg. Non baby: - direct skin contact: 75 mg/kg, - without direct skin contact: 300 mg/kg.
	Formaldehyde release	Formaldehyde	50-00-0		Found in resins used in the manufacture of composite wood products; in glues and adhesives.	Coated or uncoated wood-based materials: (DIN) EN 717-1 with test conditions in EU REACH Annex XVII Entry 77 Appendix 14 or alternative: DIN EN 16516, or CARB2 certificate (Note: only CARB2 test report is not accepted)	EU REACH Annex XVII Entry 77 0.062 mg/m3 (0.05 mL/m3, 0.05 ppm) for furniture and wood-based articles 0.08 mg/m3 (0.065 mL/m3, 0.065 ppm) other articles
	ic and Alkaline stances	pH value	_		To avoid irritation or chemical burns to the skin, the pH value of products must be in the range of human skin— approximately pH 5.5. Usually for white or uncoloured textile, pH is 4.0~5.5 to avoid yellowing.	Textile and artificial leather: EN ISO 3071 (ISO 3071) Leather: EN ISO 4045 (ISO 4045)	No legal requirement in EU incl. Switzerland Baby (<=36 months): 4.0 - 7.5. Non baby: - Direct skin contact: 4.0 - 7.5, - Without direct skin contact: 4.0 - 9.0, - Decoration material (non-leather): 4.0 - 9.0, - Leather: 3.5 - 7.5.
Orga	anotin Compounds	Tributyltin (TBT) Triphenyltin (TPhT) Trimethyltin (TMT)	various various various	X	Organotins can be used as biocides (e.g., antibacterials), catalysts in plastic and glue production, and heat stabilizers in	Acid digestion, ICP-OES for Tin screening If Tin > 0.1%, CEN ISO/TS 16179 (ISO/TS 16179)	EU REACH ANNEX XVII Entry 20 Sum of TBT, TPhT, TMT,TOT,TCyHT: 0.1% (1000 mg/kg)

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	Trioctyltin (TOT)	various		plastics/rubber.	or Solvent Extraction, GC-MS Analysis for	by weight of Tin;
	Tricyclohexyltin (TCyHT)	various		- 1'	further confirmation	DBT & DOT Each: 0.1% (1000 mg/kg) by weight of Tin
	Dibutyltin (DBT)	various	Х	associated with plastics/rubber, inks, paints,		
	Dioctyltin (DOT)	various	X	metallic glitter, polyurethane products and heat transfer material.		
AZO Dyes and	4-Amino azobenzene	60-09-3	X	Azo dyes and pigments are colorants that	All materials except Leather:	EU REACH ANNEX XVII Entry 43
Arylamine Salts	o-Aminoazotoluene	97-56-3	х	incorporate one or several azo groups (-N=N-)	1	#EU REACH ANNEX XVII Entry 72 CMR Substances
, ,	4-Aminodiphenyl	92-67-1	X	bound with aromatic compounds, can be found in disperse dye, reactive dye, direct dye, acid dye etc. Thousands of azo dyes exist, but only those which degrade to form the listed cleavable amines are restricted.	ather: EN ISO 17234-1	1, 1
	2-Amino-4-nitrotoluene	99-55-8			(harmonised version)	each 30 mg/kg of 22 azo dyes, related salts
	o-Anisidine	90-04-0	Х		,	3, 5
	Benzidine	92-87-5			p-Aminoazobenzene:	*Westwing requirement:
	p-Chloroaniline	106-47-8			All materials except Leather:	textile/leather/paint/print/coating/feather/down/woo
	4-Chloro- <i>o</i> -toluidine	95-69-2			EN ISO 14362-3	d/paper/natural straw [Excl white color] of prod`ts
	p-Cresidine	120-71-8	Х		Leather: EN ISO 17234-2	shall have <= 20 mg/kg
	2,4-Diaminoanisole	615-05-4			(harmonised version)	of 24 azo dyes, 4 related salts.
	4,4'-Diaminodiphenylmethane	101-77-9	Х		·	
	3,3'-Dichlorobenzidine	91-94-1				
	3,3'-Dimethoxybenzidine	119-90-4				
	3,3'-Dimethylbenzidine	119-93-7				
	3,3'-Dimethyl-4,4'-diamino-diphenylmethane	838-88-0	Х			
	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	Χ			
	2-Naphthylamine	91-59-8				
	4,4'-Oxydianiline	101-80-4	Х			
	4,4'-Thiodianiline	139-65-1				
	2,4-Toluenediamine	95-80-7	Х			
	o-Toluidine	95-53-4	Х			
	2,4,5-Trimethylaniline	137-17-7				
	2,4-Xylidine *	95-68-1				
	2,6-Xylidine *	87-62-7				
	4-Chloro-o-toluidinium chloride #	3165-93-3				
	2-Naphthylammoniumacetate #	553-00-4				
	4-Methoxy-m-phenylene diammonium sulphate #	39156-41-7				
	2,4,5-Trimethylaniline hydrochloride #	21436-97-5				

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ol chold with the	Total Heavy Metals	Cadmium (Cd) and its compounds	_	x	Cadmium compounds may be used as pigments (especially in red, orange, yellow and green); as a stabilizer for PVC; and in fertilizers, biocides, and paints.		EU REACH ANNEX XVII Entry 23 Paints on painted article: 1000 mg/kg (0.1%); Other plastic material: 100 mg/kg (0.01%); Metal part in jewelry: 100 mg/kg (0.01%). (expressed as Cd metal).
		Lead (Pb) and its compounds	_	х		Acid Digestion Method, ICP-OES; EN 16711-3 (and EN 12472) for Pb release test	EU REACH ANNEX XVII Entry 63 (1) 500 mg/kg (0.05%) for jewelry product; (2) 500 mg/kg (0.05%) or lead release <=0.05 μg/cm²/h (for articles or accessible parts thereof may, during normal or reasonably forseeable conditions of use, be placed in the mouth by children, and for accessible PVC components); (3) 1000 mg/kg (0.1%) for inaccessible PVC components (Application date: 29 November 2024). (expressed as Pb metal).
		Phenylmercury compounds	-		Used as catalysts in polyurethane systems used for coatings, adhesives, sealants and elastomer; could be incorporated into the polymer structure and remain in the final article.	Acid Digestion Method, ICP-OES	EU REACH ANNEX XVII Entry 62 0.01% (100 mg/kg) (expressed as Hg metal).
	Extractable Heavy Metals	Cadmium (Cd) and its compounds	_	х	Cadmium compounds may be used as pigments (especially in red, orange, yellow and green); as a stabilizer for PVC; and in fertilizers, biocides, and paints.	EN 16711-2	EU REACH ANNEX XVII Entry 72 CMR Substances each 1 mg/kg (expressed as metal)

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	Arsenic (As) compounds	_	X	Arsenic and its compounds can be used in preservatives, pesticides, and defoliants for cotton, synthetic fibers, paints, inks, trims, and plastics.		
	Lead (Pb) and its compounds	_	X	May be associated with alloys, plastics, paints, inks, pigments and surface coatings.		
	Chromium VI (Cr VI) compounds	-	X		EN 16711-2, EN ISO 17075-1/-2 (ISO 17075-1/-2) for Cr VI confirmation	
Chromium VI	Chromium VI (Cr VI) compounds	_	x	leather tanning.	Aging test:	EU REACH ANNEX XVII Entry 47 Leather article/part coming into contact with skin: 3 mg/kg (0.0003%)(expressed as Cr VI metal).
Nickel Release	Nickel (Ni) release	-		Nickel and its compounds can be used for plating alloys and mproving corrosion-resistance and hardness of alloys. They can also occur as impurities in pigments and alloys.	1	EU REACH ANNEX XVII Entry 27 Prolonged skin contact: 0.5 μg/cm²/week

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Packaging Components	Pb+Cd+Hg+Cr VI	_	х		UV- Visible Spectrometer	EU PPWR Regulation (EU) 2025/40 Sum (Pb+Cd+Hg+Cr VI): 100 mg/kg (100 ppm)
Chlorinated Paraffins	Short-chain Chlorinated Paraffins (SCCPs) (C10-C13)	85535-84-8 and others	x	fat-liquoring agents in leather production;	All materials except leather: EN ISO 22818 (ISO 22818); Leather: EN ISO 18219-1 (ISO 18219-1); Or Solvent Extraction, GC-MS Analysis	EU POPs regulation (EU) 2019/1021 1500 mg/kg (0.15%) for articles; 10000 mg/kg (1%) for mixtures;
Chlorophenols	Pentachlorophenol (PCP)	87-86-5		pesticides. PCP can also be used as in-can preservatives in print pastes and other chemical mixtures.	or DIN 50009 or DIN EN ISO 17070 (EN ISO 17070)	EU POPs regulation (EU) 2019/1021: 5 mg/kg (Detection Limit: 0.5 mg/kg) Swiss Chemical Risk Reduction Ordinance (ChemRRV/ORRChem) Art. 3 Appendix 1.2 and Appendix 2.17 Not used; 5 mg/kg (wood-based materials) German Food, Feed and Commodities Law §30 (LFGB §30) 5 mg/kg German Chemicals Prohibition Ordinance (ChemVerbotsV), Appendix 1 5 mg/kg (PCP-treated products) Requirement Westwing: < 0.5 mg/kg NOTE: If PCP in a concentration 0.5 mg/kg - 5 mg/kg has been detected, a re-test on a new send-in component/sample needs to be conducted automatically

		Restricted Substances Dimethylfumarate (DMFu)	CAS No.	SVHC (Limit to trigger SCIP Notification & SVHC Communication obligations: 1000 mg/kg)	Potential Uses DMFu is an anti-mold agent that may be used in sachets in packaging to prevent the buildup of mold, especially during shipping. May be found in leather products		Regulation / Limit Value EU REACH ANNEX XVII Entry 61 0.1 mg/kg
		Nonylphenol ethoxylates (NPEOs) and Octylphenol ethoxylates (OPEOs)	-	х	APEOs can be used as or found in detergents, scouring agents, spinning oils, wetting agents, softeners, emulsifying/dispersing agents for dyes and prints, impregnating agents, de-gumming for silk production, dyes and pigment preparations, polyester padding and down/feather fillings.	EN ISO 18254-1 (ISO 18254-1) or Solvent Extraction, GC-MS Analysis or LC-MS Analysis	EU REACH ANNEX XVII Entry 46a for textile article, which can reasonably be expected to be washed in water during their normal lifecycle: < 100 mg/kg (0.01%) for NPEO for all other articles: 1000 mg/kg (SVHC) (0.1 %) (SVHC) OPEOs: All articles: 1000 mg/kg (0.1 %) (SVHC)
and Polyfluoroakly Substances (PFAS)		Perfluorooctanesulfonic acid (PFOS) Perfluorooctanesulfonic acid, potassium salt (PFOS-K) Perfluorooctanesulfonic acid, lithium salt (PFOS-Li) Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH ₄) Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(OH) ₂) Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C ₂ H ₅) ₄)			PFAS may be present as unintended byproducts in long-chain and short-chain commercial water-, oil-, and stain-repellent agents. PFOA may also be used in polymers like Polytetrafluoroethylene (PTFE). All PFAS are either persistent themselves or degrade to other persistent PFAS. Persistence due to strength of the carbon-fluorine bond. PFAS remain in environment for decades to	EN 17681-1:2025 (or later formal versions)	EU POPs regulation (EU) 2019/1021 PFOS and its salts: sum 0.025 mg/kg (25 ppb, 0.0000025%) PFOS-related compounds: sum 1 mg/kg (1000 ppb, 0.0001%)
Per- an	Perfluorooctanoic Acid (PFOA) and its Salts	N-Ethylperfluoro-1-octanesulfonamide (N-Et-FOSA) N-Methylperfluoro-1-octanesulfonamide (N-Me-FOSA) 2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N-Et-FOSE) 2-(N-Methylperfluoro-1-octanesulfonamido)-ethanol (N-Me-FOSE) Perfluoro-1-octanesulfonyl fluoride (POSF) Perfluoro-1-octanesulfonyl fluoride (POSF) Perfluorooctane sulfonamide (PFOSA) Perfluorooctanoic acid (PFOA) Sodium perfluorooctanoate (PFOA-Na) Potassium perfluorooctanoate (PFOA-Ag) Perfluorooctanoyl fluoride (PFOA-F) Ammonium pentadecafluorooctanoate (APFO)	31506-32-8	X X	centuries, so called "Forever Chemicals".		EU POPs regulation (EU) 2019/1021 PFOA and its salts: sum 0.025 mg/kg (25 ppb, 0.0000025%) PFOA-related compounds: sum 1 mg/kg (1000 ppb, 0.0001%)



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Perfluorohexanesu Ifonic Acid (PFHxS) and Its Salts PFHxS-related Compounds C9-C14 PFCAs and Their Salts	N-Methylperfluoro-1-hexanesulfonamide (N-Me-FHxSA) Perfluorohexane sulfonamide (PFHxSA) Perfluorononanoic acid (PFNA, C9-PFCA) Ammonium perfluorononanoate (NH4-PFN) Sodium perfluorononanoate (Na-PFN) Perfluorodecanoic acid (PFDA, C10-PFCA) Ammonium perfluorodecanoate (NH4-PFD) Sodium perfluorodecanoate (NH4-PFD) Perfluoroundecanoic acid (PFUNA, C11-PFCA) Perfluoroundecanoic acid (PFDOA, C12-PFCA) Perfluorotridecanoic acid (PFTDA, C13-PFCA) Perfluorotetradecanoic acid (PFTDA, C14-PFCA) Perfluorot-3-7-dimethyloctanecarboxylate (PF-3,7-DMOA) 1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	355-46-4 68259-15-4 41997-13-1 375-95-1 4149-60-4 21049-39-8 335-76-2 3108-42-7 3830-45-3 2058-94-8 307-55-1 72629-94-8 376-06-7 172155-07-6	X X X X X X X X X X X X X X X X X X X			EU POPs regulation (EU) 2019/1021 PFHXS and its salts: sum 0.025 mg/kg (25 ppb, 0.0000025%) PFHXS-related compounds: sum 1 mg/kg (1000 ppb, 0.0001%) EU REACH Annex XVII Entry 68 C9-C14 PFCAs and their salts: sum 0.025 mg/kg (25 ppb, 0.0000025%) C9-C14 PFCA-related substances: sum 0.26 mg/kg (26 ppb, 0.000026%)
	1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH) 1H,1H,2H,2H-Perfluorododecanesulphonic acid (10:2 FTS) 1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI)					

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	2-Perfluorooctylethanol (8:2 FTOH)	678-39-7				
	2H,2H,3H,3H-Perufloroundecanoic acid (H4PFUnA)	34598-33-9				
Perfluorohexanoic Acid (PFHxA) and	Perfluorohexanoic acid (PFHxA, Undecafluorohexanoic acid)	307-24-4				EU REACH Annex XVII (proposed in June 2023)
Its Salts	Ammonium perfluorohexanoate (APFHx)	21615-47-4				PFHxA and its salts: sum 0.025 mg/kg (25 ppb,
PFHxA-related Substances	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2				0.0000025%) PFHxA-related substances: sum 1 mg/kg (1000 ppb,
Substances	1H,1H,2H,2H-Perfluorooctanol (6:2 FTOH)	647-42-7				0.0001%)
Perfluoroheptanoi c Acid (PFHpA) and Its Salts	Perfluoroheptanoic acid (PFHpA)	375-85-9				DFHPA and its salts: sum 0.025 mg/kg (25 ppb, 0.0000025%)
Flame Retardants	Polybromobiphenyls (PBB)	59536-65-1		With very limited exceptions, flameretardant chemicals, including the entire class of Organohalogen flame retardants, should no longer be applied to materials during production.	EN ISO 17881-1/-2 (ISO 17881-1/-2) or Solvent Extraction, GC-MS Analysis or LC-MS Analysis	EU REACH ANNEX XVII Entry 8 For in skin contact textiles articles: not used (Westwing's Detection Limit: 5 mg/kg for each of 10 substitution groups of PBBs, i.e. from monobromo-, to decabromo) Requirement: Not detected
	Tris(aziridinyl)phosphinoxide(TEPA)	545-55-1				EU REACH ANNEX XVII Entry 7 For in skin contact textiles articles: not used (Westwing's Detection Limit: 10 mg/kg) Requirement: Not detected
	Tris (2,3 dibromopropyl) phosphate(TRIS)	126-72-7				EU REACH ANNEX XVII Entry 4 For in skin contact textiles articles: not used (Westwing's Detection Limit: 10 mg/kg) Requirement: Not detected
	Octabromodiphenyl ether (OctaBDE)	32536-52-0 and others				EU REACH ANNEX XVII Entry 45 0.1% (1000 mg/kg)
	Hexabromocyclododecane (HBCDD)	3194-55-6 and others				EU POPs regulation (EU) 2019/1021 0.0075% (75 mg/kg)
	Tetrabromodiphenyl ether(TetraBDE)	40088-47-9 and others				EU POPs regulation (EU) 2019/1021 Sum 500 mg/kg
	Pentabromodiphenyl ether(PentaBDE)	32534-81-9 and others				, , , , , , , , , , , , , , , , , , ,
	Hexabromodiphenyl ether(HexaBDE)	36483-60-0 and				
	Heptabromodiphenyl ether (HeptaBDE)	others 68928-80-3 and				
	Decabromodiphenyl ether(DecaBDE)	others 1163-19-5	x			
Phthalates	Di(2-ethylhexyl)-phthalate (DEHP)	117-81-7	x	Esters of ortho-phthalic acid (Phthalates) are	CPSC-CH-C1001-09.4 or EN ISO 14389 (ISO	EU REACH ANNEX XVII Entry 51



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	Dibutylphthalate (DBP)	84-74-2	x	a class of organic	14389) or ISO 8124-6	EU REACH ANNEX XVII Entry 72 CMR Substances
	Butylbenzylphthalate (BBP)	85-68-7	х	compound commonly added to		Single and the CO 400 (4000 and live)
	Diisobutylphthalate (DIBP)	84-69-5	x	plastics to increase flexibility. They are sometimes used to facilitate the molding of		Single or sum <=0.1% (1000 mg/kg)
	1,2-benzenedicarboxylic acid; di-C 6-8-branched alkylesters, C 7-rich	71888-89-6	x	plastic by decreasing its melting temperature. Phthalates can be found in:		
	Bis(2-methoxyethyl) phthalate	117-82-8	X	Flexible plastic components		
	Diisopentylphthalate	605-50-5	V	(e.g., PVC)		
			^	Print pastes Adhesives Plastic buttons		
	Di-n-pentyl phthalate (DPP)	131-18-0	Х			
	Di-n-hexyl phthalate (DnHP)	84-75-3	X	Plastic sleevings Polymeric coatings		
Polycyclic Aromatic	Benzo[a]anthracene	56-55-3	Y	PAHs are natural components of crude oil and	AfDS GS 2019:01 DAK	EU REACH ANNEX XVII Entry 50
Hydrocarbons (PAHs)	Benzo[e]acephenanthrylene	205-99-2	^	are common residues from oil refining. PAHs	A1F3 G3 2019.01 FAK	EU REACH ANNEX XVII Entry 30 EU REACH ANNEX XVII Entry 72 CMR Substances
, a oca. 2013 (171113)	benzo[a]pyrene; benzo[d,e,f]chrysene	50-32-8	Х	have a characteristic smell similar to that of		German Food, Feed and Commodities Law §30 (LFGB
	Benzo[e]pyrene	192-97-2	F -	car tires or asphalt. Oil residues containing		§30)
	Benzo[j]fluoranthene	205-82-3		PAHs are added to rubber and plastics as a		AfPS GS 2019.01 PAK
	Benzo[k]fluoranthene	207-08-9	х	softener or extender and may be found in		
	Chrysene	218-01-9	Х	rubber, plastics, lacquers and coatings. PAHs		*Follows limits in AfPS GS 2019:01 PAK
	Dibenzo[a,h]anthracene	53-70-3		are often found in the outsoles of footwear		
	*Anthracene	120-12-7	Х	and in printing pastes for screen prints. PAHs		Concrete Reach and AfPS GS 2019:01 PAK
	*Benzo[g,h,i]perylene	191-24-2	Х	can be present as impurities in Carbon Black.		Requirements: see separate Sheet
	*Fluoranthene	206-44-0	Х	They also may be formed from thermal		
	*Indeno[1,2,3-cd]pyrene	193-39-5		decomposition of recycled materials during		
	*Naphthalene	91-20-3		reprocessing.		
	*Phenanthrene	85-01-8	Х			
	*Pyrene	129-00-0	X			
Volatile Organic Compound (VOC)	Benzene	71-43-2		VOCs are associated with solvent based processes such as solventbased polyurethane coatings and glues/adhesives.	Headspace GC-MS	EU REACH Annex XVII Entry 5 1000 mg/kg (0.1%) for mixtures EU REACH ANNEX XVII Entry 72 CMR Substances 5 mg/kg for other materials
	Toluene	108-88-3			Headspace GC-MS	EU REACH Annex XVII Entry 48 1000 mg/kg (0.1%) for mixtures
Chlorinated Aromatic Hydrocarbons	α,α,α,4-tetrachlorotoluene; p- chlorobenzotrichloride	5216-25-1		Chlorobenzenes and Chlorotoluenes (Chlorinated Aromatic Hydrocarbons) can be	EN 17137 or DIN 54232 or GC-MS	EU REACH ANNEX XVII Entry 72 CMR Substances each 1 mg/kg



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	α,-chlorotoluene; benzyl chloride	100-44-7		polyester or wool/ polyester fibers. They can		
	Hexachlorobenzene	118-74-1		also be used as solvents.		EU POPs regulation (EU) 2019/1021 and Amendment (EU) 2022/2291 10 mg/kg (0.001%)
Solvents	N-methyl-2-pyrrolidone (NMP)	872-50-4	x	Industrial solvent used in production of water- based Polyurethanes and other polymeric materials. May also be used as a surface treatment for textiles, resins, and metal- coated plastics, or as a paint stripper.	EN 17131 or CEN ISO/TS 16189 (ISO/TS 16189)	EU REACH ANNEX XVII Entry 72 CMR Substances each 3000 mg/kg
	N,N-dimethylacetamide (DMAC)	127-19-5	Х	Solvent used in the production of elastane fibers and sometimes as substitute for DMFa.		
	N,N-dimethylformamide (DMFa)	68-12-2	X	Solvent used in plastics, rubber, and polyurethane (PU) coating.		
Quinoline	Quinoline	91-22-5		Found as an impurity in polyester and some dyestuffs.	DIN 54231	EU REACH ANNEX XVII Entry 72 CMR Substances 50 mg/kg
Allergenic Carcinogenic	C.I. Disperse Blue 1 #	2475-45-8		Disperse dyes are a class of water insoluble	DIN 54231	German Food, Feed and Commodities Law §30 (LFGB
Disperse Dyestuffs	C.I. Disperse Blue 3	2475-46-9		dyes that penetrate the fiber system of	3.1.3.1201	§30)
Disperse Dyestaris	C.I. Disperse Blue 35	56524-77-		synthetic or manufactured fibers and are held		Not detected
	om a spense and as	7/56524-76-6		in place by physical forces without forming		(detection limit : 5 mg/l in extract)
	C.I. Disperse Blue 106	12223-01-7		chemical bonds. Disperse dyes are used in		(4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
	C.I. Disperse Blue 124	61951-51-7		synthetic fiber (e.g., polyester, acetate etc.).		#EU REACH ANNEX XVII Entry 72 CMR Substances
	C.I. Disperse Red 1	2872-52-8		(2.8., 5.3., 6.8.), accurate etc.).		C.I. Disperse Blue 1
	C.I. Disperse Orange 3	730-40-5		1		C.I. Basic Red 9
	C.I. Disperse Orange 37/59/76	13301-61-		1		C.I. Basic Violet 3 with >=0.1 % of Michler's ketone
	.,	6/12223-33-				each 50 mg/kg
		5/51811-42-8				
	C.I. Disperse Yellow 3	2832-40-8		1		
	C.I. Basic Red 9 #	569-61-9		1		
	C.I. Basic Violet 3 with >=0.1 % of Michler's ketone #		x			
High risk SVHCs	Octamethylcyclotetrasiloxane (D4)	556-67-2	х	Candidate List of substances of very high	Due diligence	REACH Regulation (EC) No 1907/2006
that were	Decamethylcyclopentasiloxane (D5)	541-02-6	х	concern of for Authorisation cover AP/APEO,		0.1% (w/w) per article/component
frequently	Dodecamethylcyclohexasiloxane (D6)	540-97-6	х	phthalates, flame retardants, SCCP, MCCP,		Supplier needs to notify ECHA by submiting SVHC
detected	Bisphenol A (BPA)	80-05-7	x	lead chromate pigment, DMFa, NMP, DMAc,		notification and WESTWING if the article contains an



Clas	sification	Restricted Substances	CAS No.	SVHC (Limit to trigger SCIP Notification & SVHC Communication obligations: 1000 mg/kg)	Potential Uses	Testing Method	Regulation / Limit Value
SVHC (Substances of Very High Concern)	Other SVHCs	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA) 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) N,N-dimethylformamide Medium-chain chlorinated paraffins (MCCP) (UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17) Short Chain Chlorinated Paraffins (C10-13)	- 75-12-7 123-77-3 25973-55-1 68-12-2	X X X X X X X X X X X X X X X X X X X	Bisphenols, etc.		SVHC in quantities above one tonne per producer/importer per year and if the substance is present in those articles above a concentration of 0.1% (w/w). WFD Directive 2008/98/EC 0.1% (w/w) per article/component Supplier needs to notify ECHA by submit SCIP notification and WESTWING if the article contains an SVHC above a concentration of 0.1% (w/w). each 1000 mg/kg (0.1%)
All b	iocidal treated luct	_	_		Biocidal products, which are used to protect humans, animals, materials or articles against harmful organisms like pests or bacteria, by the action of the active substances contained in the biocidal product.	Due diligence	The Biocidal Products Regulation (BPR, Regulation (EU) 528/2012) -Authorized active substances -the labeling (CLP) Regulation ((EC) No 1272/2008)
PVC	Product	_	-		For legal requirement conformance (total Cadmium/Organotins/Phthalates/SCCP etc.) concern.	Due diligence	Phase out PVC material.
Nati	ıral Latex Product	_	_		Can cause allergic reaction (to protein) after contacting with human skin.	Due diligence	Phase out natural latex for allergen concern.



Remark:

- 1) REACH Regulation REACH stands for Registration, Evaluation, Authorisation and Restriction of Chemicals. It entered into force on 1 June 2007.

 (EC) No 1907/2006 REACH is a regulation of the European Union, adopted to improve the protection of human health and the environment from the risks that can be posed by chemicals, while enhancing the competitiveness of the EU chemicals industry. It also promotes alternative methods for the hazard assessment of substances in order to reduce the number of tests on animals.
- 2) EU REACH ANNEX COMMISSION REGULATION (EU) 2018/1513 of 10 October 2018 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of XVII Entry 72 CMR Chemicals (REACH) as regards certain substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR), category 1A or 1B Substances
- 3) BPR, Regulation (EU) 528/2012 The Biocidal Products Regulation (BPR, Regulation (EU) 528/2012) concerns the placing on the market and use of biocidal products, which are used to protect humans, animals, materials or articles against harmful organisms like pests or bacteria, by the action of the active substances contained in the biocidal product. This regulation aims to improve the functioning of the biocidal products market in the EU, while ensuring a high level of protection for humans and the environment.
- 4) POP's regulation Persistent organic pollutants (POPs) are organic substances that persist in the environment, accumulate in living organisms and pose a risk to our health and the environment. They can be transported by air, water or migratory species across (EU) 2019/1021 international borders, reaching regions where they have never been produced or used. International risk management is necessary as no region can manage the risks posed by these substances alone.
- 5) CLP Regulation The Classification, Labelling and Packaging (CLP) Regulation ((EC) No 1272/2008) is based on the United Nations' Globally Harmonised System (GHS) and its purpose is to ensure a high level of protection of health and the environment, as well (EC) No 1272/2008 as the free movement of substances, mixtures and articles.
- 6) WFD, Directive Directive 2008/98/EC on waste (Waste Framework Directive) sets the basic concepts and definitions related to waste managament, such as definitions of waste, recycling, recovery. It explains when waste ceases to be waste and becomes a secondary raw material (so called end-of-waste criteria), and how to distinguish between waste and by-products, and lays down some basic waste management principle.