WESTWING Furniture and Decorative Articles

Restricted Substances List March 2023

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.

	Restricted Substances	CAS No.	SVHC (Limit to trigger SCIP Notification & SVHC Communication obligations: 1000 mg/kg)	Potential Uses	Testing Method	Regulation / Limit Value
Formaldehyde content	Formaldehyde	50-00-0		shrinking agent. It is also often used in polymeric resins. Sources: Easy care treatment, cross-linking agent, preservatives, fix agents, adhesives & glues.	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 By way of derogation, in relation to the placing on the market of formaldehyde [CAS No 50-00-0] in jackets, coats or upholstery, the relevant concentration for the purposes of paragraph 1 shall be 300 mg/kg during the period between 1 November 2020 and 1 November 2023. 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		composite wood products; in glues and adhesives.	DIN EN 16516	German Chemicals Prohibition Ordinance (ChemVerbotsV), Appendix 1 0.1 mL/m3 (0.1 ppm)

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Acidic and Alkaline Substances	pH value	-		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	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.
Organotin Compounds	Tributyltin (TBT) Triphenyltin (TPhT) Trimethyltin (TMT) Trioctyltin (TOT) Tricyclohexyltin (TCYHT) Dibutyltin (DBT) Dioctyltin (DOT)	various various various various various various various	x x x		Acid digestion, ICP-OES for Tin screening If Tin > 0.1%, CEN ISO/TS 16179 (ISO/TS 16179) or Solvent Extraction, GC-MS Analysis for further confirmation	EU REACH ANNEX XVII Entry 20 Sum of TBT, TPhT, TMT,TOT,TCyHT: 0.1% (1000 mg/kg) by weight of Tin; DBT & DOT Each: 0.1% (1000 mg/kg) by weight of Tin
AZO Dyes and Arylamine Salts	A-Amino azobenzene o-Aminoazotoluene 4-Aminodiphenyl Z-Amino-4-nitrotoluene o-Anisidine Benzidine p-Choroaniline 4-Chloro-o-toluidine p-Cresidine Z,4-Diaminoanisole 4,4'-Diaminodiphenylmethane 3,3'-Dimethoxybenzidine 3,3'-Dimethyl-1,4'-diamino-diphenylmethane 4,4'-Axydianiline 4,4'-CAydianiline 2,4-Xplidine 2,4-Xylidine 4,4'-Chloro-o-toluidinium chloride # 2-Naphthylammoniumacetate # 4-Methoxy-m-phenylene diammonium sulphate # 2,4,5-Trimethylaniline hydrochloride #	60-09-3 97-56-3 92-67-1 99-55-8 90-04-0 92-87-5 106-47-8 95-69-2 120-71-8 615-05-4 101-77-9 91-94-1 119-90-4 119-93-7 838-88-0 101-14-4 91-59-8 101-80-4 139-65-1 95-68-7 95-68-1 87-62-7 3165-93-3 553-00-4 39156-41-7 21436-97-5	x x x x x x x x x x x x x x x x x x x	incorporate one or several azo groups (-N=N-) 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.	All materials except Leather: EN ISO 14362-1 Leather: EN ISO 17234-1 (harmonised version) p-Aminoazobenzene: All materials except Leather: EN ISO 14362-3 Leather: EN ISO 17234-2 (harmonised version)	EU REACH ANNEX XVII Entry 43 #EU REACH ANNEX XVII Entry 72 CMR Substances each 30 mg/kg of 22 azo dyes & related salts *Westwing requirement: textile/leather/paint/print/coating/feather/down/woo d/paper/natural straw [Excl white color] of prod'ts shall have <= 20 mg/kg of 24 azo dyes & 4 related salts.

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
Heavy Metals	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	_	x	May be associated with alloys, plastics, paints, inks, pigments and surface coatings.	If the content of total Pb>= 500 mg/kg, additional testing for Pb release will be conducted according to EN 16711-3 (and EN 12472) for applicable condition.	EU REACH ANNEX XVII Entry 63 500 mg/kg (0.05%) for jewelry product; 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. (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.		EU REACH ANNEX XVII Entry 62 0.01% (100 mg/kg) (expressed as Hg metal).
	Extractable 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 72 CMR Substances each 1 mg/kg (expressed as metal)
		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	Chromium VI may be used in the "after- chroming" process for wool dyeing (Chrome salts applied to acid-dyed wool to improve fastness).	EN 16711-2, EN ISO 17075-1/-2 (ISO 17075-1/-2) for Cr VI confirmation	

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Chro	omium VI	Chromium VI (Cr VI) compounds	_	x	Though typically associated with leather tanning.	EN ISO 17075-1/-2 (ISO 17075-1/-2) Aging test: EN ISO 10195 (ISO 10195) Method A2	EU REACH ANNEX XVII Entry 47 Leather article/part coming into contact with skin: 3 mg/kg (0.0003%)(expressed as Cr VI metal).
Nicke	el 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.	EN 1811 (and EN 12472)(harmonised version)	EU REACH ANNEX XVII Entry 27 Prolonged skin contact: 0.5 μg/cm²/week
Pack	c Elements in aging ponents	Pb+Cd+Hg+Cr VI	_	x	_	Acid Digestions followed by ICP/AAS Analysis, UV- Visible Spectrometer	Directive 94/62/EC Sum (Pb+Cd+Hg+Cr VI): 100 mg/kg (100 ppm)
Chlorinate	ed Paraffins	Short-chain Chlorinated Paraffins (SCCPs) (C10-C13)	85535-84-8 and others	X	Can be used as softeners, flame retardants, or fat-liquoring agents in leather production; also as a plasticizer in polymer production.	All materials except leather: EN ISO 22818 (ISO 22818); Leather: EN ISO 18219-1 (ISO 18219-1); Or Solvent Extraction, GC-MS Analysis	POP's regulation (EU) 2019/1021 1500 mg/kg (0.15%) for articles; 10000 mg/kg (1%) for mixtures;
Chlorophe		Pentachlorophenol (PCP)	87-86-5		print pastes and other chemical mixtures.	or DIN EN ISO 17070 (EN ISO 17070)	POP's 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
Dimethylf	fumarate	Dimethylfumarate (DMFu)	624-49-7		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	EN ISO 16186 (ISO 16186)	EU REACH ANNEX XVII Entry 61 0.1 mg/kg

lassification	Restricted Substances	CAS No.	SVHC (Limit to trigger SCIP Notification & SVHC Communication obligations: 1000 mg/kg)	Potential Uses	Testing Method	Regulation / Limit Value
lkylphenol Ethoxylates PEOs)	Nonyiphenol ethoxylates (NPEOs) and Octylphenol ethoxylates (OPEOs)	-	x	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)
Perfluorooctane	Perfluorooctanesulfonic acid (PFOS)	1763-23-1		PFAS may be present as	EN ISO 23702-1 (ISO 23702-1) or EN 17681-1 or	POP's regulation (EU) 2019/1021
Sulfonate (PFOS)	Perfluorooctanesulfonic acid, potassium salt (PFOS-			unintended byproducts in long-chain	EN 17681-2 or CEN/TS 15968	
and Related Substances	K) Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)	29457-72-5		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 centuries, so called "Forever Chemicals".		sum 1 $\mu g/m^2$ for textile and coated material
Perfluorooctane Sulfonate (PFOS) and Related Substances	Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH ₄)	29081-56-9				
	· · · ·	70225-14-8				
	Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C_2H_5) ₄)	56773-42-3				
- - -	N-Ethylperfluoro-1-octanesulfonamide (N-Et-FOSA)	4151-50-2				
-	N-Methylperfluoro-1-octanesulfonamide (N-Me- FOSA)	31506-32-8				
	2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N-Et-FOSE)					
	2-(N-Methylperfluoro-1-octanesulfonamido)- ethanol (N-Me-FOSE)	24448-09-7				
	Perfluoro-1-octanesulfonyl fluoride (POSF)	307-35-7				
	Perfluorooctane sulfonamide (PFOSA)	754-91-6				
Perfluorooctanoic	Perfluorooctanoic acid (PFOA)	335-67-1	х	1		POP's regulation (EU) 2019/1021
	Sodium perfluorooctanoate (PFOA-Na)	335-95-5		4		
Salts	Potassium perfluorooctanoate (PFOA-K)	2395-00-8		1		PFOA and its salts: sum 0.025 mg/kg (25 ppb,
	Silver perfluorooctanoate (PFOA-Ag)	335-93-3		+		0.0000025%)
	Perfluorooctanoyl fluoride (PFOA-F)	335-66-0 3825-26-1	Y	4		PFOA-related compounds: sum 1 mg/kg (1000 ppb, 0.0001%)
PFOA-related compounds	Ammonium pentadecafluorooctanoate (APFO) 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	^			0.0001/0]
compounds	Methyl perfluorooctanoate (Me-PFOA)	376-27-2	1	1		
	Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	1	1		
		678-39-7	1	1		
	1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	1	1		
	1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9]		
	2H,2H,3H,3H-Perufloroundecanoic acid (H4PFUnA)	34598-33-9				
C9-C14 PFCAs and	Perfluorononanoic Acid (PFNA, C9-PFCA)	375-95-1	х	1		REACH Annex XVII Entry 68
their Salts	Perfluorodecanoic Acid (PFDA, C10-PFCA)	335-76-2	х	1		
	Perfluoroundecanoic Acid (PFUnA, C11-PFCA)	2058-94-8	х			C9-C14 PFCAs and their salts: 0.025 mg/kg (25 ppb,

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	Perfluorododecanoic Acid (PFDoA, C12-PFCA)	307-55-1	x			0.0000025%)
	Perfluorotridecanoic Acid (PFTrDA, C13-PFCA)	72629-94-8	х	1		C9-C14 PFCA-related substances: sum 0.26 mg/kg (260
	Perfluorotetradecanoic Acid (PFTeDA, C14-PFCA)	376-06-7	х			ppb, 0.000026%)
	Perfluoro-3-7-dimethyloctanecarboxylate (PF-3,7- DMOA)	172155-07-6				
C9-C14 PFCA-		17741-60-5				
related Substances	1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9				
	1H,1H,2H,2H-Perfluorododecanol (10:2 FTOH)	865-86-1		1		
	1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)					
	1H,1H,2H,2H-Perfluorododecanesulphonic acid (10:2 FTS)	120226-60-0				
	1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI)	2043-54-1		1		
	1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2				
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		+		POP's regulation (EU) 2019/1021 0.01% (100 mg/kg)
	Tetrabromodiphenyl ether(TetraBDE)	40088-47-9 and others		+		POP's regulation (EU) 2019/1021 Sum 500 mg/kg
	Pentabromodiphenyl ether(PentaBDE)	32534-81-9 and others		1		
	Hexabromodiphenyl ether(HexaBDE)	36483-60-0 and others				
	Heptabromodiphenyl ether(HeptaBDE)	68928-80-3 and others				
	Decabromodiphenyl ether(DecaBDE)	1163-19-5	х	<u> </u>		

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Phthalates	Di(2-ethylhexyl)-phthalate (DEHP) Dibutylphthalate (DBP) Butylbenzylphthalate (BBP) Disobutylphthalate (BBP) 1,2-benzenedicarboxylic acid; di-C 6-8-branched alkylesters, C 7-rich Bis(2-methoxyethyl) phthalate Disopentylphthalate Di-n-pentyl phthalate (DPP) Di-n-hexyl phthalate (DnHP)	117-81-7 84-74-2 85-68-7 84-69-5 71888-89-6 117-82-8 605-50-5 131-18-0 84-75-3	x x x x x x x x x x x x x	Esters of ortho-phthalic acid (Phthalates) are a class of organic compound commonly added to plastics to increase flexibility. They are sometimes used to facilitate the molding of plastic by decreasing its melting temperature. Phthalates can be found in: • Flexible plastic components (e.g., PVC) • Print pastes • Adhesives • Plastic buttons • Plastic sleevings • Polymeric coatings	CPSC-CH-C1001-09.4 or EN ISO 14389 (ISO 14389) or ISO 8124-6	EU REACH ANNEX XVII Entry 51 EU REACH ANNEX XVII Entry 72 CMR Substances Single or sum <=0.1% (1000 mg/kg)
Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo[a]anthracene Benzo[e]acephenanthrylene benzo[a]pyrene; benzo[d,e,f]chrysene Benzo[e]pyrene Benzo[l]fluoranthene Benzo[k]fluoranthene Chrysene Dibenzo[a,h]anthracene *Anthracene *Anthracene *Fluoranthene *Indeno[1,2,3-cd]pyrene *Naphthalene *Phenanthrene *Pyrene	56-55-3 205-99-2 50-32-8 192-97-2 205-82-3 207-08-9 218-01-9 53-70-3 120-12-7 191-24-2 206-44-0 193-39-5 91-20-3 85-01-8 129-00-0	x x x x x x x x x x x x x x x x x x x	PAHs are natural components of crude oil and are common residues from oil refining. PAHs have a characteristic smell similar to that of car tires or asphalt. Oil residues containing PAHs are added to rubber and plastics as a softener or extender and may be found in rubber, plastics, lacquers and coatings. PAHs are often found in the outsoles of footwear and in printing pastes for screen prints. PAHs can be present as impurities in Carbon Black. They also may be formed from thermal decomposition of recycled materials during reprocessing.	AfPS GS 2019:01 PAK	EU REACH ANNEX XVII Entry 50 EU REACH ANNEX XVII Entry 72 CMR Substances German Food, Feed and Commodities Law §30 (LFGB §30) AfPS GS 2019.01 PAK *Follows limits in AfPS GS 2019:01 PAK Concrete Reach and AfPS GS 2019:01 PAK Requirements: see separate Sheet
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 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 EU REACH Annex XVII Entry 48 1000 mg/kg (0.1%) for mixtures
Chlorinated Aromatic Hydrocarbons	α,α,α,4-tetrachlorotoluene; p- chlorobenzotrichloride α,α,α,-trichlorotoluene; benzotrichloride α,-chlorotoluene; benzyl chloride Hexachlorobenzene	5216-25-1 98-07-7 100-44-7 118-74-1		Chlorobenzenes and Chlorotoluenes (Chlorinated Aromatic Hydrocarbons) can be used as carriers in the dyeing process of polyester or wool/ polyester fibers. They can also be used as solvents.	EN 17137 or DIN 54232 or GC-MS	EU REACH ANNEX XVII Entry 72 CMR Substances each 1 mg/kg POP's regulation (EU) 2019/1021 and Amendment (EU) 2022/2291 10 mg/kg (0.001%)

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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	x	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 synthetic or manufactured fibers and are held in place by physical forces without forming chemical bonds. Disperse dyes are used in synthetic fiber (e.g., polyester, acetate etc.).		§30) Not detected (detection limit : 5 mg/l in extract)
	C.I. Disperse Blue 35	56524-77- 7/56524-76-6				
	C.I. Disperse Blue 106	12223-01-7				, <u> </u>
	C.I. Disperse Blue 124	61951-51-7				#EU REACH ANNEX XVII Entry 72 CMR Substances
	C.I. Disperse Red 1	2872-52-8				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- 6/12223-33- 5/51811-42-8		-		C.I. Basic Violet 3 with >=0.1 % of Michler's ketone each 50 mg/kg
	C.I. Disperse Yellow 3	2832-40-8				
	C.I. Basic Red 9 #	569-61-9				
	C.I. Basic Violet 3 with >=0.1 % of Michler's ketone #	548-62-9	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	х	lead chromate pigment, DMFa, NMP, DMAc,		notification and WESTWING if the article contains an
	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with >= 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	_	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%
2	4-Nonylphenol, branched and linear	_	х			(w/w).
cerr	Formamide	75-12-7	х			
ouc	Diazene-1,2-dicarboxamide (C,C'-	123-77-3	х			WFD Directive 2008/98/EC
C (Substances of Very High Concern)	azodi(formamide)) (ADCA) 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-	25973-55-1	х			0.1% (w/w) per article/component Supplier needs to notify ECHA by submit SCIP
ery	328)					notification and WESTWING if the article contains an
of <	N,N-dimethylformamide	68-12-2	X			SVHC above a concentration of 0.1% (w/w).
ses o	Medium-chain chlorinated paraffins (MCCP) (UVCB		x			each 1000 mg/kg (0.1%)
and	substances consisting of more than or equal to 80%					Cach 1000 HIS/KS (0.1%)
lbst	linear chloroalkanes with carbon chain lengths within the range from C14 to C17)					
(SL		85535-84-8	v	ł		
Ŷ	Short Chain Chionnateu Paramins (C10-13)	٥-٥٥-٥٤ م	^	l	I	I

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S Other SVHCs	_	-	х			
All biocidal treated Product	_	_		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.		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.
Natural 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 (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 (EU) 2019/1021 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 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 as (EC) No 1272/2008 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 2008/98/EC 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.