

Test Report

Number: GZHH00609555

Applicant: SHARKOON TECHNOLOGIES GMBH
GRUENINGER WEG 48, 35415 POHLHEIM,
GERMANY
Attn: SERENA HSIEH

Date: Dec 01, 2025

Sample Description:

Two (2) pieces of submitted sample said to be :

Item Name : **OfficePal C50 / OfficePal C50M**
Item No. : **4044951044894 / 4044951045051**
Buyer : Sharkoon Technologies GmbH
Country of Destination : Germany
Country of Origin : China
Date Sample Received : Aug 19, 2025 & Nov 11, 2025 & Nov 18, 2025
Testing Period : Aug 19, 2025 to Nov 28, 2025



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

To be continued



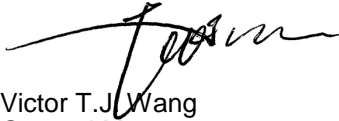
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Conclusion:

<u>Tested sample</u>	<u>Standard/Testing Item</u>	<u>Result</u>
Tested component(s) of submitted sample(s)	Azocolourants Content Requirement in Annex XVII Entry 43 of the REACH Regulation (EC) No 1907/2006 and Amendment (EC) No 552/2009 and (EU) 2020/2096	Pass
	EU REACH Regulation (EC) No 1907/2006 Article 33(1) Obligation to provide information of safe use related to substances of very high concern (SVHC) on the Candidate List for Authorisation (see REACH and WFD requirement in report for details)	Meet requirement

Authorized by:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch, Hardlines



Victor T.J. Wang
General Manager



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Tests Conducted

1 Detection of Amines Derived from Azocolourants and Azodyes

By Gas Chromatographic - Mass Spectrometric (GC-MS) and High Performance Liquid Chromatographic (HPLC) Analysis.

Test Method: EN ISO 14362-1:2017 for Textile Material
 EN ISO 17234-1:2015 for Leather Material
 EN ISO 14362-3:2017 & EN ISO 17234-2:2011 for 4-Aminoazobenzene

Test Item	CAS No.	Result (mg/kg)		
		Tested Component		
		(1+2), (4) Method T	(1+2) Method D	
1	4-Aminodiphenyl	92-67-1	ND	ND
2	Benzidine	92-87-5	ND	ND
3	4-Chloro-o-Toluidine	95-69-2	ND	ND
4	2-Naphthylamine	91-59-8	ND	ND
5	o-Aminoazotoluene	97-56-3	ND	ND
6	2-Amino-4-Nitrotoluene	99-55-8	ND	ND
7	p-Chloroaniline	106-47-8	ND	ND
8	2,4-Diaminoanisole	615-05-4	ND	ND
9	4,4'-Diaminodiphenylmethane	101-77-9	ND	ND
10	3,3'-Dichlorobenzidine	91-94-1	ND	ND
11	3,3'-Dimethoxybenzidine	119-90-4	ND	ND
12	3,3'-Dimethylbenzidine	119-93-7	ND	ND
13	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND	ND
14	p-Cresidine	120-71-8	ND	ND
15	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND	ND
16	4,4'-Oxydianiline	101-80-4	ND	ND
17	4,4'-Thiodianiline	139-65-1	ND	ND
18	o-Toluidine	95-53-4	ND	ND
19	2,4-Toluylenediamine	95-80-7	ND	ND
20	2,4,5-Trimethylaniline	137-17-7	ND	ND
21	o-Anisidine	90-04-0	ND	ND
22	4-Aminoazobenzene	60-09-3	ND	ND

The limit was quoted according to Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and Amendment (EC) No 552/2009 and (EU) 2020/2096, Annex XVII Entry 43 on Azodyes releasing Aromatic Amines.



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ND = Not detected (less than detection limit)

Detection limit = 5 mg/kg

Requirement = 30 mg/kg

Method T: Direct buffer extraction as per EN ISO 14362-1:2017 Section 10.2.

Method D: Colourant extraction with Xylene as per EN ISO 14362-1:2017 Section 10.1.

Method L: EN ISO 17234-1:2015

Tested component(s): See component list in the last section of this report

2 (A) EU REACH Regulation (EC) No 1907/2006 on Substance of Very High Concern (SVHC) Content

By Inductively Coupled Plasma Optical Emission Spectrometry, Ion Chromatography, UV-Visible Spectrophotometry, Gas Chromatographic - Mass Spectrometry, Liquid Chromatographic / Tandem Mass Spectrometer and High Performance Liquid Chromatography analysis.

Table (A1)

Chemical Substance	Results % (w/w)	
	Tested components	
	(1+2+3+4+5+6+7+8+9 +10+11+12+13+14+15 +16+17+18+19+20)	(21+22+23+24+25+ 26+27+28+29+30+ 31+33+34+35+36+37)
12. Bis(2-ethylhexyl) phthalate (DEHP)	See Table (A2)	See Table (A2)
13. Dibutyl phthalate (DBP)	See Table (A2)	ND
15. Short chain chlorinated paraffins (C ₁₀₋₁₃)	See Table (A2)	ND
217. 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 C ₁₄ to C ₁₇)	See Table (A2)	ND
219. Phenol, alkylation products (mainly in para position) with C ₁₂ -rich branched alkyl chains from oligomerisation, covering any individual isomers and/or combinations thereof (PDDP)	See Table (A2)	ND
All other SVHCs in the Chemical list	ND	ND



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Chemical Substance	Results % (w/w)
	Tested components
	(49+50+51+52+53+54+55+56+57+58)
187. Lead	See Table (A2)
All other SVHCs in the Chemical list	ND

Table (P2)

Chemical Substance	Results % (w/w)
	Tested components
	(38+39+40+41+42+43+44+45+46+47+48), (59+60+61+62), (63)
Tested SVHCs in Chemical list	ND

SVHC = Substance of very high concern

ND = Not detected (less than reporting limit)

Reporting limit = 0.1%

The test result is based on assumption of worst-case and calculated by minimum sample weight.

Confirmation testing is recommended as to verify the exact content of SVHC in each individual component.

Test components: See component list in the last section of this report

Table (A2)

Chemical Substance	Results % (w/w)
	Tested components
	(1) to (9), (12) to (20)
12. Bis(2-ethylhexyl) phthalate (DEHP)	ND
13. Dibutyl phthalate (DBP)	ND
15. Short chain chlorinated paraffins (C ₁₀₋₁₃)	ND
217. 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 C ₁₄ to C ₁₇)	ND
219. Phenol, alkylation products (mainly in para position) with C ₁₂ -rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	ND



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Chemical Substance	Results % (w/w)
	Tested components
	(21) to (25), (27) to (31), (33) to (37)
12. Bis(2-ethylhexyl) phthalate (DEHP)	ND

Chemical Substance	Results % (w/w)
	Tested components
	(49), (50), (52) to (58)
187. Lead	ND

ND = Not detected (less than reporting limit)

Reporting limit = 0.05%

Test components: See component list in the last section of this report

(B) Tested SVHC Chemicals list (Substance(s) in the list of 250 entries of chemicals published by European Chemicals Agency (ECHA) on 25 June 2025):

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
1	Cobalt dichloride Δ	7646-79-9	2	Diarsenic pentaoxide Δ	1303-28-2
3	Diarsenic trioxide Δ	1327-53-3	4	Lead hydrogen arsenate Δ	7784-40-9
5	Triethyl arsenate Δ	15606-95-8	6	Sodium dichromate Δ	7789-12-0 10588-01-9
7	Bis(tributyltin) oxide (TBTO) Δ	56-35-9	8	Anthracene	120-12-7
9	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	10	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)
11	5-Tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	12	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7
13	Dibutyl phthalate (DBP)	84-74-2	14	Benzyl butyl phthalate (BBP)	85-68-7
15	Short chain chlorinated paraffins (C ₁₀₋₁₃)	85535-84-8	16	Lead chromate Δ	7758-97-6
17	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) Δ	12656-85-8	18	Lead sulfochromate yellow (C.I. Pigment Yellow 34) Δ	1344-37-2
19	Tris (2-chloroethyl) phosphate	115-96-8	20	2,4-dinitrotoluene	121-14-2
21	Diisobutyl phthalate (DIBP)	84-69-5	22	Coal tar pitch, high temperature	65996-93-2
23	Anthracene oil	90640-80-5	24	Anthracene oil, anthracene paste, distn.	91995-17-4



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No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
				lights	
25	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	26	Anthracene oil, anthracene-low	90640-82-7
27	Anthracene oil, anthracene paste	90640-81-6	28	Acrylamide	79-06-1
29	Boric acid Δ	10043-35-3 11113-50-1	30	Disodium tetraborate, anhydrous Δ	1330-43-4 12179-04-3 1303-96-4
31	Tetraboron disodium heptaoxide, hydrate Δ	12267-73-1	32	Sodium chromate Δ	7775-11-3
33	Potassium chromate Δ	7789-00-6	34	Ammonium dichromate Δ	7789-09-5
35	Potassium dichromate Δ	7778-50-9	36	Trichloroethylene	79-01-6
37	2-Methoxyethanol	109-86-4	38	2-Ethoxyethanol	110-80-5
39	Cobalt sulphate Δ	10124-43-3	40	Cobalt dinitrate Δ	10141-05-6
41	Cobalt carbonate Δ	513-79-1	42	Cobalt diacetate Δ	71-48-7
43	Chromium trioxide Δ	1333-82-0	44	Chromic acid Δ Dichromic acid Δ Oligomers of chromic acid and dichromic Acid Δ	7738-94-5 13530-68-2 --
45	Strontium chromate Δ	7789-06-2	46	2-Ethoxyethyl acetate (2-EEA)	111-15-9
47	1,2-Benzenedicarboxylic acid, di-C ₇₋₁₁ -branched and linear alkyl esters (DHNUP)	68515-42-4	48	Hydrazine	7803-57-8 302-01-2
49	1-Methyl-2-pyrrolidone	872-50-4	50	1,2,3-Trichloropropane	96-18-4
51	1,2-Benzenedicarboxylic acid, di-C ₆₋₈ -branched alkyl esters, C ₇ -rich (DIHP)	71888-89-6	52	Lead dipicrate Δ	6477-64-1
53	Lead styphnate Δ	15245-44-0	54	Lead azide; Lead diazide Δ	13424-46-9
55	Phenolphthalein	77-09-8	56	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4
57	N,N-dimethylacetamide (DMAC)	127-19-5	58	Trilead diarsenate Δ	3687-31-8
59	Calcium arsenate Δ	7778-44-1	60	Arsenic acid Δ	7778-39-4
61	Bis(2-methoxyethyl) ether	111-96-6	62	1,2-Dichloroethane	107-06-2
63	4-(1,1,3,3-	140-66-9	64	2-Methoxyaniline; o-	90-04-0



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No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
	tetramethylbutylphenol, (4-tert-Octylphenol)			Anisidine	
65	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	66	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4
67	Pentazinc chromate octahydroxide Δ	49663-84-5	68	Potassium hydroxyoctaoxodizincate di-chromate Δ	11103-86-9
69	Dichromium tris(chromate) Δ	24613-89-6	70	Aluminosilicate Refractory Ceramic Fibres Δ	(Index No. 650-017-00-8)
71	Zirconia Aluminosilicate Refractory Ceramic Fibres Δ	(Index No. 650-017-00-8)	72	1,2-Bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2
73	1,2-Dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	74	Diboron trioxide Δ	1303-86-2
75	Formamide	75-12-7	76	Lead(II) bis(methanesulfonate) Δ	17570-76-2
77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (TGIC)	2451-62-9	78	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] +	548-62-9	82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] +	2580-56-5
83	α,α-Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue	6786-83-0	84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No.	561-41-1



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No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
	4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] +			202-959-2)] +	
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	86	Pentacosafuorotridecanoic acid	72629-94-8
87	Tricosafuorododecanoic acid	307-55-1	88	Henicosafuoroundecanoic acid	2058-94-8
89	Heptacosafuorotetradecanoic acid	376-06-7	90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3
91	Cyclohexane-1,2-dicarboxylic anhydride [1] cis-cyclohexane-1,2-dicarboxylic anhydride [2] trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis-[2] and trans-[3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	85-42-7 13149-00-3 14166-21-3	92	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans-stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0 19438-60-9 48122-14-1 57110-29-9
93	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	--	94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	--
95	Methoxyacetic acid	625-45-6	96	N,N-dimethylformamide	68-12-2



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97	Dibutyltin dichloride (DBTC) Δ	683-18-1	98	Lead monoxide (Lead oxide) Δ	1317-36-8
99	Orange lead (Lead tetroxide) Δ	1314-41-6	100	Lead bis(tetrafluoroborate) Δ	13814-96-5
101	Trilead bis(carbonate)dihydroxide Δ	1319-46-6	102	Lead titanium trioxide Δ	12060-00-3
103	Lead titanium zirconium oxide Δ	12626-81-2	104	Silicic acid, lead salt Δ	11120-22-2
105	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped Δ [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	106	1-Bromopropane (n-propyl bromide)	106-94-5
107	Methyloxirane (Propylene oxide)	75-56-9	108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
109	Diisopentylphthalate (DIPP)	605-50-5	110	N-pentylisopentylphthalate	776297-69-9
111	1,2-Diethoxyethane	629-14-1	112	Acetic acid, lead salt, basic Δ	51404-69-4
113	Lead oxide sulfate Δ	12036-76-9	114	[Phthalato(2-)]dioxotrilead Δ	69011-06-9
115	Dioxobis(stearato)trilead Δ	12578-12-0	116	Fatty acids, C16-18, lead salts Δ	91031-62-8
117	Lead cyanamidate Δ	20837-86-9	118	Lead dinitrate Δ	10099-74-8
119	Pentalead tetraoxide sulphate Δ	12065-90-6	120	Pyrochlore, antimony lead yellow Δ	8012-00-8
121	Sulfurous acid, lead salt, dibasic Δ	62229-08-7	122	Tetraethyllead Δ	78-00-2
123	Tetralead trioxide sulphate Δ	12202-17-4	124	Trilead dioxide phosphonate Δ	12141-20-7
125	Furan	110-00-9	126	Diethyl sulphate	64-67-5
127	Dimethyl sulphate	77-78-1	128	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-	143860-04-2



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				oxazolidine	
129	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	130	4,4'-Methylenedi-o-toluidine	838-88-0
131	4,4'-Oxydianiline and its salts	101-80-4	132	4-Aminoazobenzene	60-09-3
133	4-Methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	134	6-Methoxy-m-toluidine (p-cresidine)	120-71-8
135	Biphenyl-4-ylamine	92-67-1	136	o-Aminoazotoluene[(4-o-tolylazo-o-toluidine)]	97-56-3
137	o-Toluidine	95-53-4	138	N-Methylacetamide	79-16-3
139	Cadmium	7440-43-9	140	Cadmium oxide Δ	1306-19-0
141	Dipentyl phthalate (DPP)	131-18-0	142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	--
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1
145	Cadmium sulphide Δ	1306-23-6	146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0
147	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-	1937-37-7	148	Dihexyl phthalate (DnHP)	84-75-3



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	disulphonate (C.I. Direct Black 38)				
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	150	Lead di(acetate) Δ	301-04-2
151	Trixylyl phosphate	25155-23-1	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (Diisohexyl phthalate (DIHP))	68515-50-4
153	Cadmium chloride Δ	10108-64-2	154	Sodium perborate; perboric acid, sodium salt Δ	--
155	Sodium peroxometaborate Δ	7632-04-4	156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
157	2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	158	2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1
159	Cadmium fluoride Δ	7790-79-6	160	Cadmium sulphate Δ	10124-36-4 31119-53-6
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	15571-58-1 27107-89-7	162	1,2-Benzenedicarboxylic acid, di-C ₆₋₁₀ -alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1
163	5-Sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-	117933-89-8	164	Nitrobenzene	98-95-3



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No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
	3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]				
165	2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
167	1,3-Propanesultone	1120-71-4	168	Perfluorononan-1-oi-c-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4
169	Benzo[def]chrysen e (Benzo[a]pyrene)	50-32-8	170	4,4'-Isopropylidenediphenol (bisphenol A; BPA)	80-05-7
171	Nonadecafluorodec anic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	172	4-Heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	--
173	p-(1,1 Dimethylpropyl)phe nol	80-46-6	174	Perfluorohexane-1- sulphonic acid and its salts (PFHxS)	355-46-4
175	1,6,7,8,9,14,15,16, 17,17,18,18- Dodecachloropenta cyclo[12.2.1.16,9.0 2,13.05,10]octadec a-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn- isomers or any	13560-89-9 135821-74-8 135821-03-3	176	Benz[a]anthracene	56-55-3



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No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
	combination thereof]				
177	Cadmium nitrate Δ	10325-94-7	178	Cadmium carbonate Δ	513-78-0
179	Cadmium hydroxide Δ	21041-95-2	180	Chrysene	218-01-9
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	--	182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride, TMA)	552-30-7
183	Dicyclohexyl phthalate (DCHP)	84-61-7	184	Octamethylcyclotetrasiloxane (D4)	556-67-2
185	Decamethylcyclotetrasiloxane (D5)	541-02-6	186	Dodecamethylcyclotetrasiloxane (D6)	540-97-6
187	Lead	7439-92-1	188	Disodium octaborate Δ	12008-41-2
189	Benzo[ghi]perylene	191-24-2	190	Terphenyl hydrogenate	61788-32-7
191	Ethylenediamine (EDA)	107-15-3	192	1,7,7-Trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8
193	2,2-Bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	194	Benzo[k]fluoranthene	207-08-9
195	Fluoranthene	206-44-0	196	Phenanthrene	85-01-8
197	Pyrene	129-00-0	198	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	--
199	4-Tert-Butylphenol (PTBP)	98-54-4	200	2-Methoxyethyl acetate	110-49-6
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)	--	202	Diisohexyl phthalate	71850-09-4
203	2-Benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	204	2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
205	Perfluorobutane	--	206	1-Vinylimidazole	1072-63-5



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No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
	sulfonic acid (PFBS) and its salts				
207	2-Methylimidazole	693-98-1	208	Dibutylbis(pentane-2,4-dionato-O,O')tin Δ	22673-19-4
209	Butyl 4-hydroxybenzoate (Butylparaben)	94-26-8	210	Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8
211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C ₁₂ is the predominant carbon number of the fatty acyloxy moiety Δ	--	212	1,4-Dioxane	123-91-1
213	2,2-Bis(bromomethyl)propane 1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0 36483-57-5 1522-92-5 96-13-9	214	2-(4-Tert-butylbenzyl)propionaldehyde and its individual stereoisomers	--
215	4,4'-(1-Methylpropylidene) bisphenol	77-40-7	216	Glutaral	111-30-8
217	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 C ₁₄ to C ₁₇)	--	218	Orthoboric acid, sodium salt Δ	13840-56-7
219	Phenol, alkylation products (mainly in	--	220	6,6'-Di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1



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No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
	para position) with C ₁₂ -rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)				
221	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	222	(±)-1,7,7-Trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	--
223	S-(Tricyclo(5.2.1.0 _{2,6})deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate Δ	255881-94-8	224	N-(Hydroxymethyl)acrylamide	924-42-5
225	1,1'-[Ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	226	2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol	79-94-7
227	4,4'-Sulphonyldiphenol	80-09-1	228	Barium diboron tetraoxide Δ	13701-59-2
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	--	230	Isobutyl 4-hydroxybenzoate	4247-02-3
231	Melamine	108-78-1	232	Perfluoroheptanoic acid and its salts	--
233	Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)	--	234	Bis(4-chlorophenyl) sulphone (BCPS)	80-07-9



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No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
	morpholine				
235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	236	2,4,6-Tri-tert-butylphenol (2,4,6-TTBP)	732-26-3
237	2-(2H-Benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	238	2-(Dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4
239	Bumetrizole (UV-326)	3896-11-5	240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol (OAPP)	--
241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	242	Triphenyl phosphate (TPhP)	115-86-6
243	6-[(C ₁₀ -C ₁₃)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid (Tetra-PSCA)	2156592-54-8	244	O,O,O-Triphenyl phosphorothioate (TPPT)	597-82-0
245	Octamethyltrisiloxane	107-51-7	246	Perfluamine	338-83-0
247	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	248	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	17928-28-8
249	Decamethyltetrasiloxane	141-62-8	250	Tetra(sodium/potassium)-7-[(E)-{2-acetamido-4-[(E)-(4-[[4-chloro-6-({2-[(4-fluoro-6-[[4-(vinylsulfonyl)phenyl]amino)-1,3,5-triazine-2-yl]amino]propyl)amino]-1,3,5-triazine-2-yl]amino}-5-sulfonato-1-naphthyl)diazanyl]-5-methoxyphenyl]diazanyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51)	--

(B2) Tested proposed SVHC Chemicals list (Substance in the list of 1 chemical in the draft Commission Implementing Decision proposed by European Commission, and published as Notification G/TBT/N/EU/803 on World Trade Organization (WTO) on 1 June 2021):

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.



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Tests Conducted

1	Resorcinol	108-46-3		
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(B3) Tested proposed SVHC Chemicals list (The 1 chemical proposed by European Chemicals Agency (ECHA) for public consultation on 27 June 2025):

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
1	1,1'-(ethane-1,2-diy)bis[pentabromo benzene] (DBDPE)	84852-53-9			

Δ = Determination was based on elemental analysis. The content was calculated based on assumption of worst-case.

+ = The content was calculated based on assumption of worst-case.

(C) SVHC Requirements

Following substances may be identified as substance of very high concern (SVHC):

Substances classified as:

- Carcinogenicity category 1A or 1B;
- Germ cell mutagenicity category 1A or 1B;
- Reproductive toxicity category 1A or 1B, adverse effects on sexual function and fertility or on development;
- Persistent, bioaccumulative and toxic (PBT)
- Very persistent and very bioaccumulative (vPvB)
- Other substances for which there is scientific evidence of probable serious effects to human health or the environment which give rise to an equivalent level of concern, such as endocrine disrupters

REACH Requirement:

As per Article 7 of Regulation (EC) No 1907/2006 (REACH) as amended, if a substance of very high concern (SVHC) on the Candidate List for Authorisation is present in articles above a concentration of 0.1% weight by weight (w/w) and the substance is present in those articles in quantities totalling over 1 tonne per producer or per importer per year, then the producer or importer shall notify the European Chemicals Agency (ECHA). The notifications have to be submitted no later than 6 months after the inclusion in the Candidate List. The information to be notified shall include the following:

- Identity and contact details of the producer or importer;
- Registration number(s), if available;
- Identity of the substance;
- Classification of the substance(s);
- Brief description of the use(s) of the substance(s) in the article and of the uses of the article(s);
- Tonnage range of the substance(s).

As per Article 33(1) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with information of safe use of the article. An article meets the requirement of Article 33(1) by default when no SVHC exceeds 0.1% weight by weight (w/w).

As per Article 33(2) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the consumer on request with information of safe use of the article, within 45 days of receipt of the request.



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As per Court of Justice of the European Union Judgment in Case C-106/14, Press Release No 100/15 dated 10 September 2015, each of the articles incorporated as a component of a complex product is covered by the relevant duties to notify and provide information when they contain a substance of very high concern in a concentration above 0.1% of their mass.

Waste Framework Directive (WFD) Requirement:

As per Article 9(1)(i) of Directive 2008/98/EC on waste (WFD, Waste Framework Directive) as amended, Member States shall take measures to ensure that any supplier of an article as defined in point 33 of Article 3 of Regulation (EC) No 1907/2006 (REACH) provides the information pursuant to Article 33(1) of Regulation (EC) No 1907/2006 (REACH) to the European Chemicals Agency (ECHA) as from 5 January 2021. Any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) on the EU market is required to submit a SCIP Notification on that article to ECHA, as from 5 January 2021.

Component list:

Sequence No.	Test Component No.	Test Component Description(s)
SN1	1.	Black yarn knit (seat of black style).
SN2	2.	Black yarn (inner of backrest of black style).
SN3	3.	White yarn (inner of backrest of white style).
SN4	4.	Grey synthetic leather with black printing (patch of backrest of both styles).
SN5	5.	Matt black plastic (handle, backrest, frame of both styles).
SN6	6.	Black soft plastic (backrest of black style, seat, backrest of white style).
SN7	7.	Black foam (handle of both styles).
SN8	8.	Dark black plastic (bottom of seat of both styles).
SN9	9.	Black plastic (handle of bottom of seat of both styles).
SN10	10.	Transparent soft plastic with inaccessible coatings (back, white)/ Grey foam with adhesive (logo plate, back of logo plate of backrest of both styles).
SN11	11.	Bright black plastic (wheels of both styles).
SN12	12.	Matt black plastic (cover, body of wheels of both styles).
SN13	13.	Black plastic (wire covering of pedestal of seat of both styles).
SN14	14.	Black plastic (button, big knob of pedestal of seat of both styles).
SN15	15.	Dark black plastic (case of pedestal of seat, bracket of both styles).
SN16	16.	Light white plastic (cover of support of handle of both styles) (internal).
SN17	17.	Light yellow sponge with adhesive (interlayer of seat of black style) (internal).
SN18	18.	Natural color plywood (board of seat of black style) (internal).
SN19	19.	White plastic string (string of seat of black style) (internal).
SN20	20.	Grey felt (binding of seat of black style) (internal).
SN21	21.	Black plastic (fishbone of seat of black style) (internal).
SN22	22.	Matt black plastic (holder of fishbone of seat of black style) (internal).
SN23	23.	Deep black knit (back of seat of black style) (internal).
SN24	24.	Black plastic (joint of inner body of pneumatic rod of both styles) (internal).
SN25	25.	Black plastic with lube (top of pneumatic rod of both styles) (internal).



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Tests Conducted

Sequence No.	Test Component No.	Test Component Description(s)
SN26	26.	Black soft plastic (big washer of pneumatic rod of both styles) (internal).
SN27	27.	Deep black plastic (joint of inner body of pneumatic rod of both styles) (internal).
SN28	28.	White plastic (inner of wire covering of pedestal of seat of both styles) (internal).
SN29	29.	Beige plastic (stopper of pedestal of seat of both styles) (internal).
SN30	30.	Dark white plastic (holder of pedestal of seat of both styles) (internal).
SN31	31.	White plastic (plate of handle of both styles) (internal).
SN32	33.	Silver color metal with matt black coating (legs, bracket of both styles).
SN33	34.	Silver color metal with black coating (all screw, big washer of both styles).
SN34	35.	Silver color metal with red coating (spring of backrest of both styles).
SN35	36.	Silver-grey color metal with black coating (outer body of pneumatic rod of both styles).
SN36	37.	Silver color metal with dull black coating (pedestal of seat of both styles).
SN37	38.	Black treated metal (small washer, big screw of backrest, screw, nut of button of seat, screw, spring of handle of both styles).
SN38	39.	Light silver color metal (support, plate of handle of both styles).
SN39	40.	Bright silver color metal (cover of support of handle of both styles).
SN40	41.	Silver color solder excluding coating (fastener of both styles).
SN41	42.	Matt silver color metal (big screw of backrest of both styles).
SN42	43.	Dark black treated metal (clip of pneumatic rod of both styles).
SN43	44.	Light silver color/light gold color metal (washer of clip of pneumatic rod of both styles).
SN44	45.	Bright gold color metal (nut of bottom of seat of both styles) (internal).
SN45	46.	Silver-blue color metal (big spring of bottom, screw of handle, pedestal of seat, spring, washer of backrest, joint of wheels of both styles) (internal).
SN46	47.	Silver color metal (nut of board, small spring of handle, screw of knob of both styles) (internal).
SN47	48.	Silver-black color metal (inner body, thin pole of pneumatic rod of both styles) (internal).
SN48	49.	Silver color metal wire (interlayer of wire covering of pedestal of seat of both styles) (internal).
SN49	50.	Shiny silver color metal (sheet of button of pedestal of seat of both styles) (internal).



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Tests Conducted

Sequence No.	Test Component No.	Test Component Description(s)
SN50	51.	Gold color metal (connector of wire covering of pedestal of seat of both styles) (internal).
SN51	52.	Pale bronze color metal (big spring of pedestal of seat of both styles) (internal).
SN52	53.	Light bronze color metal (small cap of roller of pedestal of seat of both styles) (internal).
SN53	54.	Silver-grey color metal (big cap of roller of pedestal of seat of both styles) (internal).
SN54	55.	Dark silver color metal (roller of pedestal of seat of both styles) (internal).
SN55	56.	Silver color metal (beads of roller of pedestal of seat of both styles) (internal).
SN56	57.	Light black treated metal (long axle, screw, small spring of pedestal of seat of both styles) (internal).
SN57	58.	Bright silver color metal (wrench).
SN58	59.	Silver color metal with black coating (logo plate of backrest of both styles). (sample received date Nov 11,2025).
SN59	60.	Grey foam with adhesive (back of logo plate of backrest of both styles) (internal). (sample received date Nov 11,2025).
SN60	61.	Bright black plastic (wheels of both styles). (sample received date Nov 11,2025).
SN61	62.	Black soft plastic (big washer of pneumatic rod of both styles) (internal). (sample received date Nov 11,2025).
SN62	63.	Silver-blue color metal (connector of wire covering of pedestal of seat of both styles) (internal)(sample received date Nov 11,2025).

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

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