TEST REPORT

SCOPE OF WORK
MAGNESIUM OXIDE BOARD

REPORT NUMBER
240125004SHF-006-R1

TEST DATE(S)
2024-01-25 - 2024-03-04

ORIGINAL ISSUE DATE **REVISED DATE**
2024-03-07 2024-04-15

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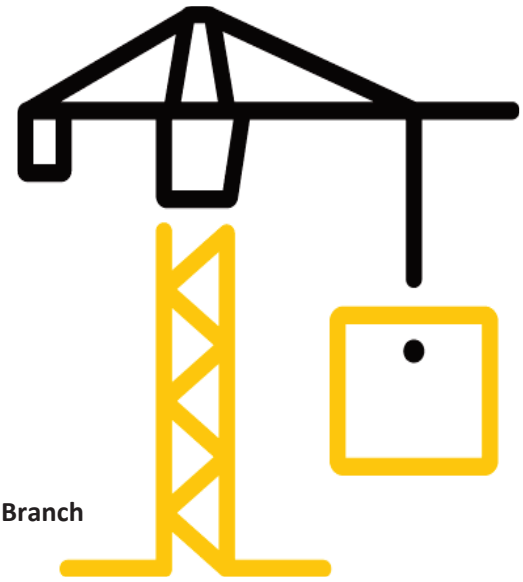

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

Test Report

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Test Report

Original Issue Date: 2024-03-07 Revised Date: 2024-04-15 Intertek Report No. 240125004SHF-006-R1

Applicant: Ambient Building Products

Address: 8230 Preston Ct Ste C, Jessup, MD 20794

Manufacturer: Ambient Building Products

Address: 8230 Preston Ct Ste C, Jessup, MD 20794

Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	Model	Specification
MAGNESIUM OXIDE BOARD	/	1220mm*2440mm*12mm
Sample ID	**Sample Amount**	**Sample Received Date**
S240125004SHF.013	1 package	2024-01-23
Sample Description		
1220mm*2440mm*12mm		

Test Methods And Standards

Test Standard	EU REACH Regulation (EC) No 1907/2006 Article 33(1) Obligation to provide information of safe use (see REACH and WFD requirement in report for details)
Specification Standard	EU REACH Regulation (EC) No 1907/2006 Article 33(1) Obligation to provide information of safe use (see REACH and WFD requirement in report for details)
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

1.This report does not involve sampling. The report only reflects conformity of the tested items of the samples provided by the testing applicant. Representativeness and authenticity of the submitted samples are responsibilities of the testing applicant.

Report Authorized

Flora Fan Jackie Zhou

Name: Flora Fan Name: Jackie Zhou

Title: Reviewer Title: Project Engineer

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Test Items, Method and Results:

Test method: By a combination of Inductively Coupled Argon Plasma Spectrometry, Gas Chromatography – Mass Spectrometry, Liquid Chromatography - Mass Spectrometry, UV-VIS Spectrophotometer, Gas Chromatography - Electron Capture Detector, Headspace Gas Chromatography - Mass Spectrometry and High-Performance Liquid Chromatography.

Test Result: (Substances in the Candidate List of SVHC)

No.	Chemical Substance	CAS No.	Results %(w/w)
-	Tested SVHCs in Chemical list	-	ND

Conclusion:

Tested Samples	Standard	Result
Submitted sample	EU REACH Regulation (EC) No 1907/2006 Article 33(1) Obligation to provide information of safe use (see REACH and WFD requirement in report for details)	Meet requirement

Note:

Reporting limit = 0.010% (w/w)

SVHC = Substance of very high concern

ND = Not detected (the result is less than the reporting limit)

Reporting limit = Quantitation limit of analyte in sample

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

Test location: Central Chemical Lab of Intertek Testing Services Ltd., Wuxi
Address: No. 8, Fubei Road, Xishan Economic Development Zone, Wuxi, China

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240 SVHCs (effective on Jan 2024) and 1 proposed SVHC Testing list:

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
1	Cobalt Dichloride Δ	7646-79-9	21	Diisobutyl Phthalate (DIBP)	84-69-5
2	Diarsenic Pentaoxide Δ	1303-28-2	22	Coal Tar Pitch, High Temperature	65996-93-2
3	Diarsenic Trioxide Δ	1327-53-3	23	Anthracene Oil	90640-80-5
4	Lead Hydrogen Arsenate Δ	7784-40-9	24	Anthracene Oil, Anthracene Paste, Distn. Lights	91995-17-4
5	Triethyl Arsenate Δ	15606-95-8			
6	Sodium Dichromate Δ	7789-12-0, 10588-01-9	25	Anthracene Oil, Anthracene Paste, Anthracene Fraction	91995-15-2
7	Bis (Tributyltin) Oxide (TBTO) Δ	56-35-9	26	Anthracene Oil, Anthracene-low	90640-82-7
8	Anthracene	120-12-7	27	Anthracene Oil, Anthracene Paste	90640-81-6
9	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	28	Acrylamide	79-06-1
10	Hexabromocyclododecane (HBCDD) and All Major Diastereoisomers Identified (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4 and 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-	29	Boric Acid Δ	10043-35-3, 11113-50-1
11	5-Tert-Butyl-2,4,6-Trinitro-m-Xylene (Musk Xylene)	81-15-2	30	Disodium Tetraborate, Anhydrous Δ	1330-43-4, 12179-04-3, 1303-96-4
12	Bis (2-Ethylhexyl) Phthalate (DEHP)	117-81-7	31	Tetraboron Disodium Heptaoxide, Hydrate Δ	12267-73-1
13	Dibutyl Phthalate (DBP)	84-74-2	32	Sodium Chromate Δ	7775-11-3
14	Benzyl Butyl Phthalate (BBP)	85-68-7	33	Potassium Chromate Δ	7789-00-6
15	Short Chain Chlorinated Paraffins (C_{10-13})	85535-84-8	34	Ammonium Dichromate Δ	7789-09-5
16	Lead Chromate Δ	7758-97-6	35	Potassium Dichromate Δ	7778-50-9
17	Lead Chromate Molybdate Sulphate Red (C.I. Pigment Red 104) Δ	12656-85-8	36	Trichloroethylene	79-01-6
			37	2-Methoxyethanol	109-86-4
18	Lead Sulfochromate Yellow (C.I. Pigment Yellow 34) Δ	1344-37-2	38	2-Ethoxyethanol	110-80-5
19	Tris (2-Chloroethyl) Phosphate	115-96-8	39	Cobalt Sulphate Δ	10124-43-3
20	2,4-Dinitrotoluene	121-14-2	40	Cobalt Dinitrate Δ	10141-05-6

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41	Cobalt Carbonate Δ	513-79-1	63	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9
42	Cobalt Diacetate Δ	71-48-7			
43	Chromium Trioxide Δ	1333-82-0	64	2-Methoxyaniline; o-Anisidine	90-04-0
44	Chromic Acid Δ Dichromic Acid Δ Oligomers of Chromic Acid and Dichromic Acid Δ	7738-94-5 13530-68-2 --	65	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8
			66	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4
45	Strontium Chromate Δ	7789-06-2	67	Pentazinc chromate octahydroxide Δ	49663-84-5
46	2-ethoxyethyl acetate (2-EEA)	111-15-9	68	Potassium hydroxyoctaoxodizincate di-chromate Δ	11103-86-9
47	1,2-Benzenedicarboxylic acid, di-C_{7-11}-branched and linear alkyl esters (DHNUP)	68515-42-4	69	Dichromium tris(chromate) Δ	24613-89-6
			70	Aluminosilicate Refractory Ceramic Fibres Δ	Index No. 650-017-00-8
48	Hydrazine	7803-57-8, 302-01-2			
49	1-methyl-2-pyrrolidone	872-50-4	71	Zirconia Aluminosilicate Refractory Ceramic Fibres Δ	Index No. 650-017-00-8
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	72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2
52	Lead dipicrate Δ	6477-64-1	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4
53	Lead styphnate Δ	15245-44-0			
54	Lead azide; Lead diazide Δ	13424-46-9	74	Diboron trioxide Δ	1303-86-2
55	Phenolphthalein	77-09-8	75	Formamide	75-12-7
56	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	76	Lead(II) bis(methanesulfonate) Δ	17570-76-2
57	N,N-dimethylacetamide (DMAC)	127-19-5	77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9
58	Trilead diarsenate Δ	3687-31-8			
59	Calcium arsenate Δ	7778-44-1	78	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6
60	Arsenic acid Δ	7778-39-4			
61	Bis(2-methoxyethyl) ether	111-96-6	79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8
62	1,2-Dichloroethane	107-06-2			

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80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	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
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	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
83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) *[with ⩾ 0.1% of Michler's ketone (EC No. 202-027-5) or Michl* er's base (EC No. 202-959-2)]	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. 202-959-2)]*	561-41-1	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]	--
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5			
86	Pentacosafluorotridecanoic acid	72629-94-8	94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	--
87	Tricosafluorododecanoic acid	307-55-1			
88	Henicosafluoroundecanoic acid	2058-94-8			
89	Heptacosafluorotetradecanoic acid	376-06-7			
90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	95	Methoxyacetic acid	625-45-6

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96	N,N-dimethylformamide	68-12-2	123	Tetralead trioxide sulphate Δ	12202-17-4
97	Dibutyltin dichloride (DBTC) Δ	683-18-1	124	Trilead dioxide phosphonate Δ	12141-20-7
98	Lead monoxide (Lead oxide) Δ	1317-36-8	125	Furan	110-00-9
99	Orange lead (Lead tetroxide) Δ	1314-41-6	126	Diethyl sulphate	64-67-5
100	Lead bis(tetrafluoroborate) Δ	13814-96-5	127	Dimethyl sulphate	77-78-1
101	Trilead bis(carbonate)dihydroxide Δ	1319-46-6	128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
102	Lead titanium trioxide Δ	12060-00-3	129	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7
103	Lead titanium zirconium oxide Δ	12626-81-2			
104	Silicic acid, lead salt Δ	11120-22-2	130	4,4'-methylenedi-o-toluidine	838-88-0
105	Silicic acid ($H_2Si_2O_5$), 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	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
106	1-bromopropane (n-propyl bromide)	106-94-5	138	N-methylacetamide	79-16-3
107	Methyloxirane (Propylene oxide)	75-56-9	139	Cadmium Δ	7440-43-9
108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	140	Cadmium oxide Δ	1306-19-0
			141	Dipentyl phthalate (DPP)	131-18-0
109	Diisopentylphthalate (DIPP)	605-50-5	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]	--
110	N-pentyl-isopentylphthalate	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	143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1
120	Pyrochlore, antimony lead yellow Δ	8012-00-8			
121	Sulfurous acid, lead salt, dibasic Δ	62229-08-7	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1
122	Tetraethyllead Δ	78-00-2			

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145	Cadmium sulphide Δ	1306-23-6	162	1,2-Benzenedicarboxylic acid, di-C6-10-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
146	Lead di(acetate) Δ	301-04-2			
147	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	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-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	--
148	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0			
149	Dihexyl phthalate	84-75-3			
150	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7			
151	Trixylyl phosphate	25155-23-1	164	1,3-Propanesultone	1120-71-4
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1
153	Cadmium chloride Δ	10108-64-2			
154	Sodium perborate; perboric acid, sodium salt Δ	15120-21-5, 11138-47-9	166	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
155	Sodium peroxometaborate Δ	7632-04-4			
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	167	Nitrobenzene	98-95-3
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1; 21049-39-8; 4149-60-4
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8
			170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7
159	Cadmium fluoride Δ	7790-79-6	171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Nonadecafluorodecanoic acid EC no.: 206-400-3 | CAS no.: 335-76-2 Ammonium nonadecafluorodecanoate EC no.: 221-470-5 | CAS no.: 3108-42-7 Decanoic acid, nonadecafluoro-, sodium salt EC no.: -- | CAS no.: 3830-45-3	--
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)	--			

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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]	--	190	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (Trimellitic anhydride) (TMA)	552-30-7
			191	Dicyclohexyl phthalate (DCHP)	84-61-7
			192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6
			193	Benzo[k]fluoranthene	207-08-9
			194	Fluoranthene	206-44-0
			195	Phenanthrene	85-01-8
173	p-(1,1-dimethylpropyl)phenol	80-46-6	196	Pyrene	129-00-0
174	Perfluorohexane-1-sulphonic acid and its salt (PFHxS)	--	197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8
175	Benz[a]anthracene	56-55-3			
176	Cadmium nitrateΔ	10325-94-7			
177	Cadmium carbonateΔ	513-78-0	198	4-tert-butylphenol (PTBP)	98-54-4
178	Cadmium hydroxideΔ	21041-95-2	199	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	--
179	Chrysene	218-01-9			
180	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene (“Dechlorane Plus”TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	--	200	2-methoxyethyl acetate	110-49-6
			201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ⩾ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	--
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]	--	202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
			203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
			204	Diisohexyl phthalate	71850-09-4
182	Octamethylcyclotetrasiloxane (D4)	556-67-2	205	Perfluorobutane sulfonic acid (PFBS) and its salts	--
183	Decamethylcyclopentasiloxane (D5)	541-02-6			
184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	206	1-vinylimidazole	1072-63-5
185	Lead	7439-92-1	207	2-methylimidazole	693-98-1
186	Disodium octaborateΔ	12008-41-2	208	Butyl 4-hydroxybenzoate	94-26-8
187	Benzo[ghi]perylene	191-24-2	209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4
188	Terphenyl hydrogenated	61788-32-7			
189	Ethylenediamine (EDA)	107-15-3	210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8

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211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety Δ	-	220	(±)-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)	--
212	1,4-dioxane	123-91-1	221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1
213	2,2-bis(bromomethyl)propane1,3-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	222	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
			223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4
			224	N-(hydroxymethyl)acrylamide	924-42-5
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	225	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1
215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	77-40-7	226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7
216	Glutaral	111-30-8	227	4,4'-sulphonyldiphenol	80-09-1
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 C14 to C17]	-	228	Barium diboron tetraoxideΔ	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
218	Orthoboric acid, sodium salt Δ	13840-56-7	231	Melamine	108-78-1
219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	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)morpholine	--

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No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
234	bis(4-chlorophenyl) sulphone (BCPS)	80-07-9	238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4
235	Diphenyl (2,4,6- trimethylbenzoyl) phosphine oxide	75980-60-8	239	Bumetrizole (UV-326)	3896-11-5
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	240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol (OAPP)	-

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.
1	Resorcinol	108-46-3

REACH requirement:

1. Substances of very high concern (SVHC) are classified as:
   (a) Carcinogenicity category 1A or 1B;
   (b) Germ cell mutagenicity category 1A or 1B;
   (c) Reproductive toxicity category 1A or 1B, adverse effects on sexual function and fertility or on development;
   (d) Persistent, bioaccumulative and toxic (PBT)
   (e) Very persistent and very bioaccumulative (vPvB)
   (f) 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

2. 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:
   (a) Identity and contact details of the producer or importer;
   (b) Registration number(s), if available;
   (c) Identity of the substance;
   (d) Classification of the substance(s);
   (e) Brief description of the use(s) of the substance(s) in the article and of the uses of the article(s);
   (f) Tonnage range of the substance(s).

3. As per Article 31 of Regulation (EC) No 1907/2006 (REACH) as amended, the supplier of mixture not classified as hazardous according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP), shall provide the recipient at his request with a safety data sheet, where a mixture contains at least one substance on the SVHC list (Candidate List of substances of very high concern for Authorisation) and its individual concentration is of 0.1% or above by weight for non-gaseous mixtures.

4. 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).

5. 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.

6. 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.

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Appendix A: Sample Received Photo

Revision:

NO.	Date	Changes
240125004SHF-006	2024-03-07	First issue
240125004SHF-006-R1	2024-04-15	Revised the product name as per applicant's requirement.

Note: Since the issue date of 240125004SHF-006-R1 report, the original report 240125004SHF-006 was cancelled at the same time.