JUTESAN ALÜMİNYUM PROFİL İMALAT SAN. VE TİC. A.Ş.
Velimeşe Mah. Hacı Şeremet Cad. No:17/1 Ergene / Tekirdağ
TEL: 0212 855 84 84

To the attention of Tamer Akpınar

The following sample(s) was/were submitted by the client as:

SGS Job No.	:	TR 1991761-RV1
Date of Sample Received	:	8 September 2021
Resubmit Date	:	1 October 2021
Testing Period	:	8 September 2021 ~ 16 September 2021

Test Requested :

As requested by client, SVHC screening is performed according to:

-Two hundred and 19 (219) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before July 08, 2021 regarding Regulation (EC) No 1907/2006 concerning the REACH.

- Eight (8) substances newly included in the Consultation List of Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) on July 08, 2021 regarding Regulation (EC) No 1907/2006 concerning the REACH.

Test Result(s) : Please refer to next page(s).

The test results relate to the tested items only.
Test reports without SGS seal and authorised signatures are invalid.

IN THIS REVISED-1 REPORT, TEST RESULTS SUBSTANCES LIST OF DETAILS WERE UPDATED BY THE REQUEST OF THE VENDOR.

THIS REPORT SUPERSEDES OUR REPORT NO:TR1991761 DATED 16.09.2021

Issued in Istanbul
Signed for and on behalf of
SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

Mert Kurtuluş Customer Services Supervisor	Bora Şirinbilek Hardline & CPCH Testing Services Manager

Remark :

1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:

   - https://echa.europa.eu/candidate-list-table(Candidate list)

   The lists are under evaluation by ECHA and may subject to change in the future.

2. In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

3. Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.

4. If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

Test Sample:

Sample Description :

A. Tube Sample-Press Profil
B. Tube Sample-Eloksal Profil

Test Component Part:

A1	Silver Metal Main
B1	Silver Metal Main

Sample	Group No.	Component Description	Remark
A	1	A1 + B1	-

Remarks:
1. INS = Insufficient sample for testing
2. The coating / printed material is tested together with the base substrate, the test result is the actual concentration from laboratory testing

Appendix

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Oct 28, 2008

No.	Substance Name	CAS No./ EC No.
1	4,4'-Diaminodiphenylmethane (MDA)	101-77-9/ 202-974-4
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8/ 287-476-5
5	Benzyl butyl phthalate (BBP)	85-68-7/ 201-622-7
7	Bis(tributyltin)oxide (TBTO)	56-35-9/ 200-268-0
9	Diarsenic pentaoxide*	1303-28-2/ 215-116-9
11	Dibutyl phthalate (DBP)	84-74-2/ 201-557-4
13	Lead hydrogen arsenate*	7784-40-9/ 232-064-2
15	Triethyl arsenate*	15606-95-8/ 427-700-2

No.	Substance Name	CAS No./ EC No.
2	5-tert-butyl-2,4,6-trinitro-*m*-xylene (musk xylene)	81-15-2/ 201-329-4
4	Anthracene	120-12-7/ 204-371-1
6	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7/ 204-211-0
8	Cobalt dichloride*	7646-79-9/ 231-589-4
10	Diarsenic trioxide*	1327-53-3/ 215-481-4
12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4/ 247-148-4; 3194-55-6/ 221-695-9; (134237-50-6/-; 134237-51-7/-; 134237-52-8/-)
14	Sodium dichromate*	7789-12-0 10588-01-9/ 234-190-3

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 13, 2010

No.	Substance Name	CAS No./ EC No.
16	2,4-Dinitrotoluene	121-14-2/ 204-450-0
18	Anthracene oil, anthracene paste*	90640-81-6/ 292-603-2
20	Anthracene oil, anthracene paste; distn. Lights*	91995-17-4/ 295-278-5
22	Diisobutyl phthalate	84-69-5/ 201-553-2
24	Lead chromate*	7758-97-6/ 231-846-0
26	Pitch, coal tar, high temp.*	65996-93-2/ 266-028-2

No.	Substance Name	CAS No./ EC No.
17	Anthracene oil*	90640-80-5/ 292-602-7
19	Anthracene oil, anthracene paste, anthracene fraction*	91995-15-2/ 295-275-9
21	Anthracene oil, anthracene-low*	90640-82-7/ 292-604-8
23	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)*	12656-85-8/ 235-759-9
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2/ 215-693-7
27	Tris(2-chloroethyl)phosphate	115-96-8/ 204-118-5

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Mar 30, 2010

No.	Substance Name	CAS No./ EC No.
28	Acrylamide	79-06-1/ 201-173-7

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 18, 2010

No.	Substance Name	CAS No./ EC No.
29	Ammonium dichromate*	7789-09-5/ 232-143-1
31	Disodium tetraborate, anhydrous*	1303-96-4 1330-43-4 12179-04-3/ 215-540-4
33	Potassium dichromate*	7778-50-9/ 231-906-6
35	Tetraboron disodium heptaoxide, hydrate*	12267-73-1/ 235-541-3

No.	Substance Name	CAS No./ EC No.
30	Boric acid*	10043-35-3/ 233-139-2; 11113-50-1/ 234-343-4
32	Potassium chromate*	7789-00-6/ 232-140-5
34	Sodium chromate*	7775-11-3/ 231-889-5
36	Trichloroethylene	79-01-6/ 201-167-4

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 15, 2010

No.	Substance Name	CAS No./ EC No.
37	2-Ethoxyethanol	110-80-5/ 203-804-1
39	Acids generated from chromium trioxide and their oligomers: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid*	7738-94-5/ 231-801-5; 13530-68-2/ 236-881-5
41	Cobalt(II) carbonate*	513-79-1/ 208-169-4
43	Cobalt(II) dinitrate*	10141-05-6/ 233-402-1

No.	Substance Name	CAS No./ EC No.
38	2-Methoxyethanol	109-86-4/ 203-713-7
40	Chromium trioxide*	1333-82-0/ 215-607-8
42	Cobalt(II) diacetate*	71-48-7/ 200-755-8
44	Cobalt(II) sulphate*	10124-43-3/ 233-334-2

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 20, 2011

No.	Substance Name	CAS No./ EC No.
45	1,2,3-Trichloropropane	96-18-4/ 202-486-1
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4/ 271-084-6
49	2-Ethoxyethyl acetate	111-15-9/ 203-839-2
51	Strontium chromate*	7789-06-2/ 232-142-6

No.	Substance Name	CAS No./ EC No.
46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6/ 276-158-1
48	1-Methyl-2-pyrrolidone	872-50-4/ 212-828-1
50	Hydrazine	7803-57-8 302-01-2/ 206-114-9

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 19, 2011

No.	Substance Name	CAS No./ EC No.
52	1,2-Dichloroethane	107-06-2/ 203-458-1
54	2-Methoxyaniline	90-04-0/ 201-963-1
56	Aluminosilicate Refractory Ceramic Fibres*	650-017-00-8 (Index no.)
58	Bis(2-methoxyethyl) ether	111-96-6/ 203-924-4
60	Calcium arsenate*	7778-44-1/ 231-904-5
62	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4/ 500-036-1
64	Lead dipicrate*	6477-64-1/ 229-335-2
66	N,N-dimethylacetamide (DMAC)	127-19-5/ 204-826-4
68	Phenolphthalein	77-09-8/ 201-004-7
70	Trilead diarsenate*	3687-31-8/ 222-979-5

No.	Substance Name	CAS No./ EC No.
53	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4/ 202-918-9
55	4-tert-Octylphenol	140-66-9/ 205-426-2
57	Arsenic acid*	7778-39-4/ 231-901-9
59	Bis(2-methoxyethyl) phthalate	117-82-8/ 204-212-6
61	Dichromium tris(chromate)*	24613-89-6/ 246-356-2
63	Lead diazide*	13424-46-9/ 236-542-1
65	Lead styphnate*	15245-44-0/ 239-290-0
67	Pentazinc chromate octahydroxide*	49663-84-5/ 256-418-0
69	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9/ 234-329-8
71	Zirconia Aluminosilicate Refractory Ceramic Fibres*	650-017-00-8 (Index no.)

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 18, 2012

No.	Substance Name	CAS No./ EC No.
72	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5/ 219-943-6
74	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2/ 203-977-3
76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8/ 202-027-5
78	Diboron trioxide*	1303-86-2/ 215-125-8
80	Lead(II) bis(methanesulfonate)*	17570-76-2/ 401-750-5
82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9/ 219-514-3
84	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/ 423-400-0

No.	Substance Name	CAS No./ EC No.
73	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9/ 208-953-6
75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4/ 203-794-9
77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1/ 209-218-2
79	Formamide	75-12-7/ 200-842-0
81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1/ 202-959-2
83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0/ 229-851-8

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 19, 2012

No.	Substance Name	CAS No./ EC No.
85	[Phthalato(2-)]dioxotrilead*	69011-06-9/ 273-688-5
87	1,2-Diethoxyethane	629-14-1/ 211-076-1
89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1 ,3-oxazolidine	143860-04-2/ 421-150-7
91	4,4'-Methylenedi-*o*-toluidine	838-88-0/ 212-658-8
93	4-Aminoazobenzene	60-09-3/ 200-453-6
95	4-Nonylphenol, branched and linear	-
97	Acetic acid, lead salt, basic*	51404-69-4/ 257-175-3
99	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5/ 214-604-9
101	Dibutyltin dichloride (DBT)	683-18-1/ 211-670-0
103	Diisopentylphthalate (DIPP)	605-50-5/ 210-088-4
105	Dinoseb	88-85-7/ 201-861-7
107	Fatty acids, C16-18, lead salts*	91031-62-8/ 292-966-7
109	Henicosafluoroundecanoic acid	2058-94-8/ 218-165-4
111	Hexahydro-2-benzofuran-1,3-dione, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7/ 201-604-9; 13149-00-3/ 236-086-3; 14166-21-3/ 238-009-9
113	Lead bis(tetrafluoroborate)*	13814-96-5/ 237-486-0
115	Lead dinitrate*	10099-74-8/ 233-245-9
117	Lead oxide sulphate*	12036-76-9/ 234-853-7
119	Lead titanium trioxide*	12060-00-3/ 235-038-9
121	Methoxyacetic acid	625-45-6/ 210-894-6
123	N-Methylacetamide	79-16-3/ 201-182-6
125	*o*-Aminoazotoluene	97-56-3/ 202-591-2
127	Pentacosafluorotridecanoic acid	72629-94-8/ 276-745-2

No.	Substance Name	CAS No./ EC No.
86	1,2-**B**enzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0/ 284-032-2
88	1-Bromopropane	106-94-5/ 203-445-0
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-
92	4,4'-Oxydianiline	101-80-4/ 202-977-0
94	4-Methyl-*m*-phenylenediamine	95-80-7/ 202-453-1
96	6-Methoxy-*m*-toluidine	120-71-8/ 204-419-1
98	Biphenyl-4-ylamine	92-67-1/ 202-177-1
100	C,C'-azodi(formamide) (ADCA)	123-77-3/ 204-650-8
102	Diethyl sulphate	64-67-5/ 200-589-6
104	Dimethyl sulphate	77-78-1/ 201-058-1
106	Dioxobis(stearato)trilead*	12578-12-0/ 235-702-8
108	Furan	110-00-9/ 203-727-3
110	Heptacosafluorotetradecanoic acid	376-06-7/ 206-803-4
112	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0/ 247-094-1; 19438-60-9/ 243-072-0; 48122-14-1/ 256-356-4; 57110-29-9/ 260-566-1
114	Lead cyanamidate*	20837-86-9/ 244-073-9
116	Lead monoxide*	1317-36-8/ 215-267-0
118	Lead tetroxide*	1314-41-6/ 215-235-6
120	Lead titanium zirconium oxide*	12626-81-2/ 235-727-4
122	N,N-Dimethylformamide	68-12-2/ 200-679-5
124	N-Pentyl-isopentylphthalate	776297-69-9 /-
126	*o*-Toluidine	95-53-4/ 202-429-0
128	Pentalead tetraoxide sulphate*	12065-90-6/ 235-067-7

No.	Substance Name	CAS No./ EC No.
129	Propylene oxide	75-56-9/ 200-879-2
131	Silicic acid, barium salt, lead-doped*	68784-75-8/ 272-271-5
133	Sulfurous acid, lead salt, dibasic*	62229-08-7/ 263-467-1
135	Tetralead trioxide sulphate*	12202-17-4/ 235-380-9
137	Trilead bis(carbonate)dihydroxide*	1319-46-6/ 215-290-6

No.	Substance Name	CAS No./ EC No.
130	Pyrochlore, antimony lead yellow*	8012-00-8/ 232-382-1
132	Silicic acid, lead salt*	11120-22-2/ 234-363-3
134	Tetraethyllead*	78-00-2/ 201-075-4
136	Tricosafluorododecanoic acid	307-55-1/ 206-203-2
138	Trilead dioxide phosphonate*	12141-20-7/ 235-252-2

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 20, 2013

No.	Substance Name	CAS No./ EC No.
139	4-Nonylphenol, branched and linear, ethoxylated	-
141	Cadmium	7440-43-9/ 231-152-8
143	Di-n-pentyl phthalate	131-18-0/ 205-017-9

No.	Substance Name	CAS No./ EC No.
140	Ammoniumpentadecafluoro octanoate (APFO)	3825-26-1/ 223-320-4
142	Cadmium oxide*	1306-19-0/ 215-146-2
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1/ 206-397-9

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 16, 2013

No.	Substance Name	CAS No./ EC No.
145	Cadmium sulphide*	1306-23-6/ 215-147-8
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0/ 209-358-4
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7/ 202-506-9
151	Trixylyl phosphate	25155-23-1/ 246-677-8

No.	Substance Name	CAS No./ EC No.
146	Dihexyl phthalate	84-75-3/ 201-559-5
148	Disodium4-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/ 217-710-3
150	Lead di(acetate)*	301-04-2/ 206-104-4

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 16, 2014

No.	Substance Name	CAS No./ EC No.
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4/ 271-093-5
154	Sodium perborate; perboric acid, sodium salt*	- / 234-390-0; 239-172-9

No.	Substance Name	CAS No./ EC No.
153	Cadmium chloride*	10108-64-2/ 233-296-7
155	Sodium peroxometaborate*	7632-04-4/ 231-556-4

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 17, 2014

No.	Substance Name	CAS No./ EC No.
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7 / 223-346-6
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate; DOTE	15571-58-1 / 239-622-4
160	Cadmium fluoride*	7790-79-6 / 232-222-0

No.	Substance Name	CAS No./ EC No.
157	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1 / 247-384-8
159	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)	-
161	Cadmium sulphate*	10124-36-4; 31119-53-6 / 233-331-6

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun15, 2015

No.	Substance Name	CAS No./ EC No.
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/ 271-094-0; 272-013-1

No.	Substance Name	CAS No./ EC No.
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 stereoisomers of [1] and [2] or any combination thereof]	-

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Dec 17, 2015,

No.	Substance Name	CAS No./ EC No.
164	1,3-propanesultone	1120-71-4 / 214-317-9
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3 / 253-037-1
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts	375-95-1; 21049-39-8; 4149-60-4 / 206-801-3

No.	Substance Name	CAS No./ EC No.
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1 / 223-383-8
167	Nitrobenzene	98-95-3 / 202-716-0

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 20, 2016

No.	Substance Name	CAS No./ EC No.
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8 / 200-028-5

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 12, 2017

No.	Substance Name	CAS No./ EC No.
170	4,4'-Isopropylidenediphenol (Bisphenol A)	80-05-7 / 201-245-8
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salt	335-76-2; 3830-45-3; 3108-42-7/ 206-400-3; -; 221-470-5

No.	Substance Name	CAS No./ EC No.
171	4-Heptylphenol, branched and linear	-
173	p-(1,1-dimethylpropyl)phenol	80-46-6 / 201-280-9

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jul 7, 2017

No.	Substance Name	CAS No./ EC No.
174	Perfluorohexane-1-sulphonic acid and its salts	-

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 15, 2018

No.	Substance Name	CAS No./ EC No.
175	Benz[a]anthracene	56-55-3; 1718-53-2/ 200-280-6
177	Cadmium hydroxide*	21041-95-2/ 244-168-5
179	Chrysene	218-01-9; 1719-03-5/ 205-923-4
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]	-

No.	Substance Name	CAS No./ EC No.
176	Cadmium carbonate*	513-78-0/ 208-168-9
178	Cadmium nitrate*	10022-68-1; 10325-94-7/ 233-710-6
180	Dodecachloropentacyclo[12.2.1.$1^{6,9}$.$0^{2,13}$.$0^{5,10}$]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jun 27, 2018

No.	Substance Name	CAS No./ EC No.
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (TMA)	552-30-7 / 209-008-0
184	Decamethylcyclopentasiloxane (D5)	541-02-6 / 208-764-9
186	Disodium octaborate*	12008-41-2 / 234-541-0
188	Ethylenediamine (EDA)	107-15-3 / 203-468-6
190	Octamethylcyclotetrasiloxane (D4)	556-67-2 / 209-136-7

No.	Substance Name	CAS No./ EC No.
183	Benzo[ghi]perylene	191-24-2 / 205-883-8
185	Dicyclohexyl phthalate (DCHP)	84-61-7 / 201-545-9
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6 / 208-762-8
189	Lead	7439-92-1 / 231-100-4
191	Terphenyl, hydrogenated	61788-32-7 / 262-967-7

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 15, 2019

No.	Substance Name	CAS No./ EC No.
192	2,2-Bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6 / 401-720-1
194	Fluoranthene	206-44-0 / 205-912-4
196	Pyrene	129-00-0 / 204-927-3

No.	Substance Name	CAS No./ EC No.
193	Benzo[k]fluoranthene	207-08-9 / 205-916-6
195	Phenanthrene	85-01-8 / 201-581-5
197	Undecafluorohexanoic acid and its ammonium salt	307-24-4; 21615-47-4 / 206-196-6; 244-479-6

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jul 16, 2019

No.	Substance Name	CAS No./ EC No.
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]	-
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-

No.	Substance Name	CAS No./ EC No.
199	2-Methoxyethyl acetate	110-49-6 / 203-772-9
201	4-tert-butylphenol	98-54-4 / 202-679-0

Candidate List of Substances of Very High Concern (SVHC) for authorization published on Jan 16, 2020

No.	Substance Name	CAS No./ EC No.
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3 / 119313-12-1
204	Diisohexyl phthalate	276-090-2 / 71850-09-4

No.	Substance Name	CAS No./ EC No.
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6 / 71868-10-5
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-

Candidate List of Substances of Very High Concern (SVHC) for authorization published on June 15, 2020

No.	Substance Name	CAS No./ EC No.
206	1-vinylimidazole	1072-63-5 / 214-012-0
208	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4 / 245-152-0

No.	Substance Name	CAS No./ EC No.
207	2-methylimidazole	693-98-1 / 211-765-7
209	Butyl 4-hydroxybenzoate (Butylparaben)	94-26-8 / 202-318-7

Candidate List of Substances of Very High Concern (SVHC) for authorization published on January 19, 2021

No.	Substance Name	CAS No./ EC No.
210	Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7 / 143-24-8

No.	Substance Name	CAS No./ EC No.
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	-

Candidate List of Substances of Very High Concern (SVHC) for authorization published on July 08, 2021

No.	Substance Name	CAS No./ EC No.
212	2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers	-
214	2,2-bis(bromomethyl)propane1,3-diol (BMP); 2,2-dimethylpropan-1-ol, Tribromoderivative/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 / 221-967-7, 253-057-0, 202-480-9
216	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)	-
218	1,4-dioxane	123-91-1 / 204-661-8

No.	Substance Name	CAS No./ EC No.
213	Orthoboric acid, sodium salt	13840-56-7 / 237-560-2
215	Glutaral	111-30-8 / 203-856-5
217	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-
219	4,4'-(1-methylpropylidene) bisphenol	77-40-7 / 201-025-1

Test Method :
SGS In-House Test Method RSTS-CHEM-801-3 – Analysis by ICP-OES/ICP-MS & GC-MS & UV-VIS Spectrophotometer & HPLC-DAD & HPLC-MS & Colorimetric Method

Test Result (Per individual component) :

No.	Substance Name	CAS No./ EC No.	Group No	Concentration (%)
				A1 + B1
1	Bis(tributyltin)oxide (TBTO)	56-35-9/ 200-268-0	1	<0.1%
2	Cobalt dichloride*	7646-79-9/ 231-589-4		<0.1%
3	Diarsenic pentaoxide*	1303-28-2/ 215-116-9		<0.1%
4	Diarsenic trioxide*	1327-53-3/ 215-481-4		<0.1%
5	Lead hydrogen arsenate*	7784-40-9/ 232-064-2		<0.1%
6	Sodium dichromate*	7789-12-0 10588-01-9/ 234-190-3		<0.1%
7	Triethyl arsenate*	15606-95-8/ 427-700-2		<0.1%
8	Lead chromate*	7758-97-6/ 231-846-0		<0.1%
9	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)*	12656-85-8/ 235-759-9		<0.1%
10	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2/ 215-693-7		<0.1%
11	Ammonium dichromate*	7789-09-5/ 232-143-1		<0.1%
12	Boric acid*	10043-35-3/ 233-139-2; 11113-50-1/ 234-343-4		<0.1%
13	Disodium tetraborate, anhydrous*	1303-96-4 1330-43-4 12179-04-3/ 215-540-4		<0.1%
14	Potassium chromate*	7789-00-6/ 232-140-5		<0.1%
15	Potassium dichromate*	7778-50-9/ 231-906-6		<0.1%
16	Sodium chromate*	7775-11-3/ 231-889-5		<0.1%
17	Tetraboron disodium heptaoxide, hydrate*	12267-73-1/ 235-541-3		<0.1%
18	Acids generated from chromium trioxide and their oligomers: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid*	7738-94-5/ 231-801-5; 13530-68-2/ 236-881-5		<0.1%

Test Method :
SGS In-House Test Method RSTS-CHEM-801-3 – Analysis by ICP-OES/ICP-MS & GC-MS & UV-VIS Spectrophotometer & HPLC-DAD & HPLC-MS & Colorimetric Method

Test Result (Per individual component) :

No.	Substance Name	CAS No./ EC No.	Group No	Concentration (%)
				A1 + B1
19	Chromium trioxide*	1333-82-0/ 215-607-8	1	<0.1%
20	Cobalt(II) carbonate*	513-79-1/ 208-169-4		<0.1%
21	Cobalt(II) diacetate*	71-48-7/ 200-755-8		<0.1%
22	Cobalt(II) dinitrate*	10141-05-6/ 233-402-1		<0.1%
23	Cobalt(II) sulphate*	10124-43-3/ 233-334-2		<0.1%
24	Strontium chromate*	7789-06-2/ 232-142-6		<0.1%
25	Aluminosilicate Refractory Ceramic Fibres*	650-017-00-8 (Index no.)		<0.1%
26	Arsenic acid*	7778-39-4/ 231-901-9		<0.1%
27	Calcium arsenate*	7778-44-1/ 231-904-5		<0.1%
28	Dichromium tris(chromate)*	24613-89-6/ 246-356-2		<0.1%
29	Lead dipicrate*	6477-64-1/ 229-335-2		<0.1%
30	Lead diazide*	13424-46-9/ 236-542-1		<0.1%
31	Trilead diarsenate*	3687-31-8/ 222-979-5		<0.1%
32	Lead styphnate*	15245-44-0/ 239-290-0		<0.1%
33	Pentazinc chromate octahydroxide*	49663-84-5/ 256-418-0		<0.1%
34	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9/ 234-329-8		<0.1%
35	Zirconia Aluminosilicate Refractory Ceramic Fibres*	650-017-00-8 (Index no.)		<0.1%
36	Diboron trioxide*	1303-86-2/ 215-125-8		<0.1%
37	Lead(II) bis(methanesulfonate)*	17570-76-2/ 401-750-5		<0.1%
38	[Phthalato(2-)]dioxotrilead*	69011-06-9/ 273-688-5		<0.1%
39	Dioxobis(stearato)trilead*	12578-12-0/ 235-702-8		<0.1%
40	Acetic acid, lead salt, basic*	51404-69-4/ 257-175-3		<0.1%
41	Lead cyanamidate*	20837-86-9/ 244-073-9		<0.1%

Test Method :
SGS In-House Test Method RSTS-CHEM-801-3 – Analysis by ICP-OES/ICP-MS & GC-MS & UV-VIS Spectrophotometer & HPLC-DAD & HPLC-MS & Colorimetric Method

Test Result (Per individual component) :

No.	Substance Name	CAS No./ EC No.	Group No	Concentration (%)
				A1 + B1
42	Dibutyltin dichloride (DBT)	683-18-1/ 211-670-0	1	<0.1%
43	Lead monoxide*	1317-36-8/ 215-267-0		<0.1%
44	Fatty acids, C16-18, lead salts*	91031-62-8/ 292-966-7		<0.1%
45	Lead tetroxide*	1314-41-6/ 215-235-6		<0.1%
46	Lead bis(tetrafluoroborate)*	13814-96-5/ 237-486-0		<0.1%
47	Lead titanium zirconium oxide*	12626-81-2/ 235-727-4		<0.1%
48	Lead dinitrate*	10099-74-8/ 233-245-9		<0.1%
49	Pentalead tetraoxide sulphate*	12065-90-6/ 235-067-7		<0.1%
50	Lead oxide sulphate*	12036-76-9/ 234-853-7		<0.1%
51	Pyrochlore, antimony lead yellow*	8012-00-8/ 232-382-1		<0.1%
52	Lead titanium trioxide*	12060-00-3/ 235-038-9		<0.1%
53	Silicic acid, lead salt*	11120-22-2/ 234-363-3		<0.1%
54	Silicic acid, barium salt, lead-doped*	68784-75-8/ 272-271-5		<0.1%
55	Tetraethyllead*	78-00-2/ 201-075-4		<0.1%
56	Sulfurous acid, lead salt, dibasic*	62229-08-7/ 263-467-1		<0.1%
57	Trilead dioxide phosphonate*	12141-20-7/ 235-252-2		<0.1%
58	Trilead bis(carbonate)dihydroxide*	1319-46-6/ 215-290-6		<0.1%
59	Tetralead trioxide sulphate*	12202-17-4/ 235-380-9		<0.1%
60	Cadmium	7440-43-9/ 231-152-8		<0.1%
61	Cadmium oxide*	1306-19-0/ 215-146-2		<0.1%
62	Cadmium sulphide*	1306-23-6/ 215-147-8		<0.1%
63	Lead di(acetate)*	301-04-2/ 206-104-4		<0.1%
64	Sodium perborate; perboric acid, sodium salt*	- / 234-390-0; 239-172-9		<0.1%

Test Method :
SGS In-House Test Method RSTS-CHEM-801-3 – Analysis by ICP-OES/ICP-MS & GC-MS & UV-VIS Spectrophotometer & HPLC-DAD & HPLC-MS & Colorimetric Method

Test Result (Per individual component) :

No.	Substance Name	CAS No./ EC No.	Group No	Concentration (%)
				A1 + B1
65	Cadmium chloride*	10108-64-2/ 233-296-7	1	<0.1%
66	Sodium peroxometaborate*	7632-04-4/ 231-556-4		<0.1%
67	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia -4-stannatetradecanoate; DOTE	15571-58-1 / 239-622-4		<0.1%
68	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)	-		<0.1%
69	Cadmium fluoride*	7790-79-6 / 232-222-0		<0.1%
70	Cadmium sulphate*	10124-36-4; 31119-53-6 / 233-331-6		<0.1%
71	Cadmium hydroxide*	21041-95-2/ 244-168-5		<0.1%
72	Cadmium carbonate*	513-78-0/ 208-168-9		<0.1%
73	Cadmium nitrate*	10022-68-1; 10325-94-7/ 233-710-6		<0.1%
74	Disodium octaborate*	12008-41-2 / 234-541-0		<0.1%
75	Lead	7439-92-1 / 231-100-4		<0.1%

Test Method :
SGS In-House Test Method RSTS-CHEM-801-3 – Analysis by ICP-OES/ICP-MS & GC-MS & UV-VIS Spectrophotometer & HPLC-DAD & HPLC-MS & Colorimetric Method

Test Result (Per individual component) :

No.	Substance Name	CAS No./ EC No.	Group No	Concentration (%)
				A1 + B1
1	4,4'-Diaminodiphenylmethane (MDA)	101-77-9/ 202-974-4	1	NA
2	5-tert-butyl-2,4,6-trinitro-*m*-xylene (musk xylene)	81-15-2/ 201-329-4		NA
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8/ 287-476-5		NA
4	Anthracene			NA
5	Benzyl butyl phthalate (BBP)	85-68-7/ 201-622-7		NA
6	Bis(2-ethylhexyl)phthalate (DEHP)			NA
7	Dibutyl phthalate (DBP)	84-74-2/ 201-557-4		NA
8	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4/ 247-148-4; 3194-55-6/ 221-695-9; (134237-50-6/-; 134237-51-7/-; 134237-52-8/-)		NA
9	2,4-Dinitrotoluene	121-14-2/ 204-450-0		NA
10	Anthracene oil*	90640-80-5/ 292-602-7		NA
11	Anthracene oil, anthracene paste*	90640-81-6/ 292-603-2		NA
12	Anthracene oil, anthracene paste, anthracene fraction*	91995-15-2/ 295-275-9		NA
13	Anthracene oil, anthracene paste; distn. Lights*	91995-17-4/ 295-278-5		NA
14	Anthracene oil, anthracene-low*	90640-82-7/ 292-604-8		NA
15	Diisobutyl phthalate	84-69-5/ 201-553-2		NA
16	Pitch, coal tar, high temp.*	65996-93-2/ 266-028-2		NA
17	Tris(2-chloroethyl)phosphate	115-96-8/ 204-118-5		NA
18	Acrylamide	79-06-1/ 201-173-7		NA
19	Trichloroethylene	79-01-6/ 201-167-4		NA
20	2-Ethoxyethanol	110-80-5/ 203-804-1		NA
21	2-Methoxyethanol	109-86-4/ 203-713-7		NA
22	1,2,3-Trichloropropane	96-18-4/ 202-486-1		NA

NA: Not Applicable

Test Method :
SGS In-House Test Method RSTS-CHEM-801-3 – Analysis by ICP-OES/ICP-MS & GC-MS & UV-VIS Spectrophotometer & HPLC-DAD & HPLC-MS & Colorimetric Method

Test Result (Per individual component) :

No.	Substance Name	CAS No./ EC No.	Group No	Concentration (%)
				A1 + B1
23	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6/ 276-158-1	1	NA
24	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4/ 271-084-6		NA
25	1-Methyl-2-pyrrolidone	872-50-4/ 212-828-1		NA
26	2-Ethoxyethyl acetate	111-15-9/ 203-839-2		NA
27	Hydrazine	7803-57-8 302-01-2/ 206-114-9		NA
28	1,2-Dichloroethane	107-06-2/ 203-458-1		NA
29	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4/ 202-918-9		NA
30	2-Methoxyaniline	90-04-0/ 201-963-1		NA
31	4-tert-Octylphenol	140-66-9/ 205-426-2		NA
32	Bis(2-methoxyethyl) ether	111-96-6/ 203-924-4		NA
33	Bis(2-methoxyethyl) phthalate	117-82-8/ 204-212-6		NA
34	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4/ 500-036-1		NA
35	N,N-dimethylacetamide (DMAC)	127-19-5/ 204-826-4		NA
36	Phenolphthalein	77-09-8/ 201-004-7		NA
37	[4-[[4-anilino-1-naphthyl][4-(dimethylamino) phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5/ 219-943-6		NA
38	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9/ 208-953-6		NA
39	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2/ 203-977-3		NA
40	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4/ 203-794-9		NA
41	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8/ 202-027-5		NA
42	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1/ 209-218-2		NA

NA: Not Applicable

Test Method :
SGS In-House Test Method RSTS-CHEM-801-3 – Analysis by ICP-OES/ICP-MS & GC-MS & UV-VIS Spectrophotometer & HPLC-DAD & HPLC-MS & Colorimetric Method

Test Result (Per individual component) :

No.	Substance Name	CAS No./ EC No.	Group No	Concentration (%)
				A1 + B1
43	Formamide	75-12-7/ 200-842-0	1	NA
44	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1/ 202-959-2		NA
45	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9/ 219-514-3		NA
46	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0/ 229-851-8		NA
47	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/ 423-400-0		NA
48	1,2-**B**enzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0/ 284-032-2		NA
49	1,2-Diethoxyethane	629-14-1/ 211-076-1		NA
50	1-Bromopropane	106-94-5/ 203-445-0		NA
51	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2/ 421-150-7		NA
52	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-		NA
53	4,4'-Methylenedi-*o*-toluidine	838-88-0/ 212-658-8		NA
54	4,4'-Oxydianiline	101-80-4/ 202-977-0		NA
55	4-Aminoazobenzene	60-09-3/ 200-453-6		NA
56	4-Methyl-*m*-phenylenediamine	95-80-7/ 202-453-1		NA
57	4-Nonylphenol, branched and linear	-		NA
58	6-Methoxy-*m*-toluidine	120-71-8/ 204-419-1		NA
59	Biphenyl-4-ylamine	92-67-1/ 202-177-1		NA
60	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5/ 214-604-9		NA
61	C,C'-azodi(formamide) (ADCA)	123-77-3/ 204-650-8		NA
62	Diethyl sulphate	64-67-5/ 200-589-6		NA
63	Diisopentylphthalate (DIPP)	605-50-5/ 210-088-4		NA
64	Dimethyl sulphate	77-78-1/ 201-058-1		NA
65	Dinoseb	88-85-7/ 201-861-7		NA
66	Furan	110-00-9/ 203-727-3		NA

NA: Not Applicable

Test Method :
SGS In-House Test Method RSTS-CHEM-801-3 – Analysis by ICP-OES/ICP-MS & GC-MS & UV-VIS Spectrophotometer & HPLC-DAD & HPLC-MS & Colorimetric Method

Test Result (Per individual component) :

No.	Substance Name	CAS No./ EC No.	Group No	Concentration (%)
				A1 + B1
67	Henicosafluoroundecanoic acid	2058-94-8/ 218-165-4	1	NA
68	Heptacosafluorotetradecanoic acid	376-06-7/ 206-803-4		NA
69	Hexahydro-2-benzofuran-1,3-dione, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7/ 201-604-9; 13149-00-3/ 236-086-3; 14166-21-3/ 238-009-9		NA
70	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0/ 247-094-1; 19438-60-9/ 243-072-0; 48122-14-1/ 256-356-4; 57110-29-9/ 260-566-1		NA
71	Methoxyacetic acid	625-45-6/ 210-894-6		NA
72	N,N-Dimethylformamide	68-12-2/ 200-679-5		NA
73	N-Methylacetamide	79-16-3/ 201-182-6		NA
74	N-Pentyl-isopentylphthalate	776297-69-9 /-		NA
75	*o*-Aminoazotoluene	97-56-3/ 202-591-2		NA
76	*o*-Toluidine	95-53-4/ 202-429-0		NA
77	Pentacosafluorotridecanoic acid	72629-94-8/ 276-745-2		NA
78	Propylene oxide	75-56-9/ 200-879-2		NA
79	Tricosafluorododecanoic acid	307-55-1/ 206-203-2		NA
80	4-Nonylphenol, branched and linear, ethoxylated	-		NA
81	Ammoniumpentadecafluoro octanoate (APFO)	3825-26-1/ 223-320-4		NA
82	Di-n-pentyl phthalate	131-18-0/ 205-017-9		NA
83	Pentadecafluorooctanoic acid (PFOA)	335-67-1/ 206-397-9		NA
84	Dihexyl phthalate	84-75-3/ 201-559-5		NA

NA: Not Applicable

Test Method :
SGS In-House Test Method RSTS-CHEM-801-3 – Analysis by ICP-OES/ICP-MS & GC-MS & UV-VIS Spectrophotometer & HPLC-DAD & HPLC-MS & Colorimetric Method

Test Result (Per individual component) :

No.	Substance Name	CAS No./ EC No.	Group No	Concentration (%)
				A1 + B1
85	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0/ 209-358-4	1	NA
86	Disodium4-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/ 217-710-3		NA
87	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7/ 202-506-9		NA
88	Trixylyl phosphate	25155-23-1/ 246-677-8		NA
89	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4/ 271-093-5		NA
90	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7 / 223-346-6		NA
91	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1 / 247-384-8		NA
92	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/ 271-094-0; 272-013-1		NA
93	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 stereoisomers of [1] and [2] or any combination thereof]	-		NA
94	1,3-propanesultone	1120-71-4 / 214-317-9		NA
95	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1 / 223-383-8		NA
96	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3 / 253-037-1		NA
97	Nitrobenzene	98-95-3 / 202-716-0		NA
98	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts	375-95-1; 21049-39-8; 4149-60-4 / 206-801-3		NA
99	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8 / 200-028-5		NA
100	4,4'-Isopropylidenediphenol (Bisphenol A)	80-05-7 / 201-245-8		NA
101	4-Heptylphenol, branched and linear	-		NA
102	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salt	335-76-2; 3830-45-3; 3108-42-7/ 206-400-3; -; 221-470-5		NA

NA: Not Applicable

Test Method :
SGS In-House Test Method RSTS-CHEM-801-3 – Analysis by ICP-OES/ICP-MS & GC-MS & UV-VIS Spectrophotometer & HPLC-DAD & HPLC-MS & Colorimetric Method

Test Result (Per individual component) :

No.	Substance Name	CAS No./ EC No.	Group No	Concentration (%)
				A1 + B1
103	p-(1,1-dimethylpropyl)phenol	80-46-6 / 201-280-9	1	NA
104	Perfluorohexane-1-sulphonic acid and its salts	-		NA
105	Benz[a]anthracene	56-55-3; 1718-53-2/ 200-280-6		NA
106	Chrysene	218-01-9; 1719-03-5/ 205-923-4		NA
107	Dodecachloropentacyclo[12.2.1.1^{6,9}.0^{2,13}.0^{5,10}]octadeca-7, 15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-		NA
108	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]	-		NA
109	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (TMA)	552-30-7 / 209-008-0		NA
110	Benzo[ghi]perylene	191-24-2 / 205-883-8		NA
111	Decamethylcyclopentasiloxane (D5)	541-02-6 / 208-764-9		NA
112	Dicyclohexyl phthalate (DCHP)	84-61-7 / 201-545-9		NA
113	Disodium octaborate*	12008-41-2 / 234-541-0		NA
114	Dodecamethylcyclohexasiloxane (D6)	540-97-6 / 208-762-8		NA
115	Ethylenediamine (EDA)	107-15-3 / 203-468-6		NA
116	Octamethylcyclotetrasiloxane (D4)	556-67-2 / 209-136-7		NA
117	Terphenyl, hydrogenated	61788-32-7 / 262-967-7		NA
118	2,2-Bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6 / 401-720-1		NA
119	Benzo[k]fluoranthene	207-08-9 / 205-916-6		NA
120	Fluoranthene	206-44-0 / 205-912-4		NA
121	Phenanthrene	85-01-8 / 201-581-5		NA
122	Pyrene	129-00-0 / 204-927-3		NA
123	Undecafluorohexanoic acid and its ammonium salt	307-24-4; 21615-47-4 / 206-196-6; 244-479-6		NA
124	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides [covering any of their individual isomers and combinations thereof]	-		NA

NA: Not Applicable

Test Method :
SGS In-House Test Method RSTS-CHEM-801-3 – Analysis by ICP-OES/ICP-MS & GC-MS & UV-VIS Spectrophotometer & HPLC-DAD & HPLC-MS & Colorimetric Method

Test Result (Per individual component) :

No.	Substance Name	CAS No./ EC No.	Group No	Concentration (%)
				A1 + B1
125	2-Methoxyethyl acetate	110-49-6 / 203-772-9	1	NA
126	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-		NA
127	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3 / 119313-12-1		NA
128	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6 / 71868-10-5		NA
129	Diisohexyl phthalate	276-090-2 / 71850-09-4		NA
130	Perfluorobutane sulfonic acid (PFBS) and its salts	-		NA
131	1-vinylimidazole	1072-63-5 / 214-012-0		NA
132	2-methylimidazole	693-98-1 / 211-765-7		NA
133	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4 / 245-152-0		NA
134	Butyl 4-hydroxybenzoate (Butylparaben)	94-26-8 / 202-318-7		NA
135	Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7 / 143-24-8		NA
136	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	-		NA
137	2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers	-		NA
138	Orthoboric acid, sodium salt	13840-56-7 / 237-560-2		NA
139	2,2-bis(bromomethyl)propane1,3-diol (BMP); 2,2-dimethylpropan-1-ol, Tribromoderivative/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 / 221-967-7, 253-057-0, 202-480-9		NA
140	Glutaral	111-30-8 / 203-856-5		NA
141	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)	-		NA
142	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-		NA
143	1,4-dioxane	123-91-1 / 204-661-8		NA
144	4,4'-(1-methylpropylidene) bisphenol	77-40-7 / 201-025-1		NA

NA: Not Applicable

Notes:

1. RL = Reporting Limit. All RL are based on homogenous material = 0.1%
   ND = Not detected (lower than RL), ND is denoted on the SVHC substance.
   NA^ = The submitted sample was found to contain significant amount of specific element(s) of SVHC. Upon further test verification and also information provided from client, the possibility that the element(s) content originate from SVHC is very unlikely, even though their presence cannot be excluded entirely. It may be assumed that the detected element(s) have a non-SVHC source.

2. * The test result is based on the calculation of selected element(s) / marker(s) and to the worst-case scenario.

   The client is advised to review the chemical formulation to ascertain above metal substances present in the article.

3. The table above only shows detected SVHC, and SVHC that below RL are not reported. Please refer to Appendix for the full list of tested SVHC.

4. Test result that shown as per test group is the actual concentration from laboratory testing. The test result is calculated by minimum sample weight. Confirmation testing is recommended as to understand the exact content of SVHC in each individual component.

* * * End of Test Report * * *