



**Test Report
(SVHC)**

No.: EBOXXXXXXX-CXXX

January 18, 2019

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XXXXXXXXXXXXXXXXXX

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

The following sample(s) was/were submitted and identified on behalf of the applicant as:

XXXXXX

EBO Job No.: EBOXXXXXXX-CXXX

Date of Sample Received: January 14, 2019

Testing Period: January 14, 2019 To January 18, 2019

Test Requested: As requested by client, SVHC screening is performed according to:
One hundred and ninety seven (197) substances in the Candidate List of
Substances of Very High Concern (SVHC) for authorization published by
European Chemicals Agency (ECHA) on and before 15 January, 2019
regarding Regulation (EC) No 1907/2006 concerning the REACH.

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

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

Summary:

According to the specified scope and analytical techniques, concentrations
of tested SVHC are $\leq 0.1\%$ (w/w) in the submitted sample.

PASS

Signed for and on behalf of

Kevin Wang

Kevin Wang



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Test Sample:

Test Part Description:

Specimen No.

1

EBO Sample ID

EBOXXXXXXX-CXXX.001

Description

/

TEST RESULTS:

SVHC 197 Items Content (Substances in the candidate List of SVHC)

Test Method: In-house method with reference to EPA: 8270D, 3052, 6010C, 3550C, 8321B, EN14362, DIN EN ISO 17353, IEC 62321, AfPS GS 2014:01 PAK and EN 14582.

Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)	Test Results (%)
1	2,4-Dinitrotoluene	204-450-0	121-14-2	0.01	N.D.
2	2-Ethoxyethanol	203-804-1	110-80-5	0.005	N.D.
3	2-Methoxyethanol	203-713-7	109-86-4	0.005	N.D.
4	4,4'- Diaminodiphenylmethane(MDA)	202-974-4	101-77-9	0.005	N.D.
5	5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	201-329-4	81-15-2	0.005	N.D.
6	Acrylamide	201-173-7	79-06-1	0.01	N.D.
7	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	0.005	N.D.
8	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the two following conditions: a) Al ₂ O ₃ and SiO ₂ are present within the following concentration ranges: Al ₂ O ₃ : 43.5 – 47 % w/w, and SiO ₂ : 49.5 – 53.5 %w/w, or Al ₂ O ₃ : 45.5 – 50.5 % w/w, and SiO ₂ : 48.5 –54% w/w, b) fibres have a length	---	---	0.01	N.D.

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Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)	Test Results (%)
	weighted geometric meandiameter less two standard geometric errors of 6 or less micrometres (μm)***				
9	Ammonium dichromate*	232-143-1	7789-09-5	0.005	N.D.
10	Anthracene	204-371-1	120-12-7	0.005	N.D.
11	Anthracene oil	292-602-7	90640-80-5	0.01	N.D.
12	Anthracene oil, anthracene paste	292-603-2	90640-81-6	0.01	N.D.
13	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	0.01	N.D.
14	Anthracene oil, anthracene paste; distn. Lights	295-278-5	91995-17-4	0.01	N.D.
15	Anthracene oil, anthracene-low	292-604-8	90640-82-7	0.01	N.D.
16	Benzyl butyl phthalate(BBP)	201-622-7	85-68-7	0.01	N.D.
17	Bis(2-ethylhexyl)phthalate(DEHP)	204-211-0	117-81-7	0.01	N.D.
18	Bis(tributyltin)oxide(TBTO)**	200-268-0	56-35-9	0.01	N.D.
19	Boric acid*	233-139-2 234-343-4	10043-35-3 11113-50-1	0.005	N.D.
20	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	231-801-5 236-881-5	7738-94-5 13530-68-2	0.005	N.D.
21	Chromium trioxide*	215-607-8	1333-82-0	0.005	N.D.
22	Cobalt dichloride*	231-589-4	7646-79-9	0.005	N.D.
23	Cobalt(II) carbonate*	208-169-4	513-79-1	0.005	N.D.
24	Cobalt(II) diacetate*	200-755-8	71-48-7	0.01	N.D.
25	Cobalt(II) dinitrate*	233-402-1	10141-05-6	0.005	N.D.
26	Cobalt(II) sulphate*	233-334-2	10124-43-3	0.005	N.D.
27	Diarsenic pentaoxide*	215-116-9	1303-28-2	0.005	N.D.

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28	Diarsenic trioxide*	215-481-4	1327-53-3	0.005	N.D.
29	Dibutyl Phthalate(DBP)	201-557-4	84-74-2	0.01	N.D.
30	Diisobutyl Phthalate(DIBP)	201-553-2	84-69-5	0.01	N.D.
31	Disodium tetraborate, anhydrous*	215-540-4	1303-96-4 1330-43-4 12179-04-3	0.005	N.D.
32	Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4 221-695-9	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	0.005	N.D.
33	Lead chromate*	231-846-0	7758-97-6	0.005	N.D.
34	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)*	235-759-9	12656-85-8	0.005	N.D.
35	Lead hydrogen arsenate*	232-064-2	7784-40-9	0.005	N.D.
36	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	215-693-7	1344-37-2	0.005	N.D.
37	Coal tar pitch, high temperature	266-028-2	65996-93-2	0.005	N.D.
38	Potassium chromate*	232-140-5	7789-00-6	0.005	N.D.
39	Potassium dichromate*	231-906-6	7778-50-9	0.005	N.D.
40	Sodium chromate*	231-889-5	7775-11-3	0.005	N.D.
41	Sodium dichromate*	234-190-3	7789-12-0 10588-01-9	0.005	N.D.
42	Tetraboron disodium heptaoxide, hydrate*	235-541-3	12267-73-1	0.005	N.D.
43	Trichloroethylene	201-167-4	79-01-6	0.01	N.D.
44	Triethyl arsenate*	427-700-2	15606-95-8	0.005	N.D.
45	Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	0.01	N.D.

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Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)	Test Results (%)
46	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the two following conditions: a) Al_2O_3 , SiO_2 and ZrO_2 are present within the following concentration ranges: Al_2O_3 : 35 – 36 % w/w, and SiO_2 : 47.5 – 50 % w/w, and ZrO_2 : 15 - 17 % w/w, b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (μm)***	---	---	0.005	N.D.
47	2-ethoxyethyl acetate	203-839-2	111-15-9	0.005	N.D.
48	Strontium chromate*	232-142-6	7789-06-2	0.005	N.D.
49	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	0.005	N.D.
50	Hydrazine	206-114-9	7803-57-8 302-01-2	0.01	N.D.
51	1-methyl-2-pyrrolidone	212-828-1	872-50-4	0.005	N.D.
52	1,2,3-trichloropropane	202-486-1	96-18-4	0.005	N.D.
53	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	0.005	N.D.
54	Lead dipicrate*	229-335-2	6477-64-1	0.005	N.D.
55	Lead styphnate*	239-290-0	15245-44-0	0.005	N.D.
56	Lead azide Lead diazide*	236-542-1	13424-46-9	0.005	N.D.
57	Phenolphthalein	201-004-7	77-09-8	0.005	N.D.
58	2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	0.01	N.D.

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59	N,N-dimethylacetamide	204-826-4	127-19-5	0.005	N.D.
60	Trilead diarsenate*	222-979-5	3687-31-8	0.005	N.D.
61	Calcium arsenate*	231-904-5	7778-44-1	0.005	N.D.
62	Arsenic acid*	231-901-9	7778-39-4	0.005	N.D.
63	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	0.01	N.D.
64	1,2-Dichloroethane	203-458-1	107-06-2	0.01	N.D.
65	4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	0.01	N.D.
66	2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	0.01	N.D.
67	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	0.005	N.D.
68	Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	0.005	N.D.
69	Pentazinc chromate octahydroxide*	256-418-0	49663-84-5	0.005	N.D.
70	Potassium hydroxyoctaoxidizincatedi-chromate*	234-329-8	11103-86-9	0.005	N.D.
71	Dichromium tris(chromate)*	246-356-2	24613-89-6	0.005	N.D.
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	0.01	N.D.
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	0.005	N.D.
74	Diboron trioxide*	215-125-8	1303-86-2	0.005	N.D.
75	Formamide	200-842-0	75-12-7	0.005	N.D.
76	Lead(II) bis(methanesulfonate) *	401-750-5	17570-76-2	0.01	N.D.
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H, 3H,5H)-trione)	219-514-3	2451-62-9	0.01	N.D.
78	β -TGIC (1,3,5-tris[(2S and	423-400-0	59653-74-6	0.01	N.D.

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Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)	Test Results (%)
	2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)				
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	202-027-5	90-94-8	0.01	N.D.
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	0.01	N.D.
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] ****	208-953-6	548-62-9	0.01	N.D.
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] ****	219-943-6	2580-56-5	0.005	N.D.
83	α , α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] ****	229-851-8	6786-83-0	0.005	N.D.
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] ****	209-218-2	561-41-1	0.005	N.D.
85	Bis(pentabromophenyl) ether (DecaBDE)	214-604-9	1163-19-5	0.01	N.D.
86	Pentacosfluorotridecanoic acid	276-745-2	72629-94-8	0.01	N.D.
87	Tricosfluorododecanoic acids	206-203-2	307-55-1	0.005	N.D.
88	Henicosfluoroundecanoic acid	218-165-4	2058-94-8	0.01	N.D.
89	Heptacosfluorotetradecanoic acid	206-803-4	376-06-7	0.005	N.D.

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90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	---	---	0.01	N.D.
91	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	---	---	0.01	N.D.
92	Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	0.01	N.D.
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	201-604-9	85-42-7	0.01	N.D.
94	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	247-094-1 243-072-0 256-356-4 260-566-1	25550-51-0 19438-60-9 48122-14-1 57110-29-9	0.01	N.D.
95	Methoxy acetic acid	210-894-6	625-45-6	0.01	N.D.
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	0.01	N.D.
97	Diisopentylphthalate (DIPP)	210-088-4	605-50-5	0.01	N.D.
98	N-pentyl-isopentyl phthalate	---	---	0.01	N.D.
99	1,2-Diethoxyethane	211-076-1	629-14-1	0.01	N.D.
100	N,N-dimethylformamide; dimethyl formamide	200-679-5	68-12-2	0.01	N.D.
101	Dibutyltin dichloride (DBT)	211-670-0	683-18-1	0.01	N.D.
102	Acetic acid, lead salt, basic*	257-175-3	51404-69-4	0.01	N.D.
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)*	215-290-6	1319-46-6	0.005	N.D.
104	Lead oxide sulfate (basic lead sulfate)*	234-853-7	12036-76-9	0.005	N.D.

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(SVHC)****No.: EBOXXXXXXXX-CXXX****January 18, 2019****Page 9 of 17**

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105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)*	273-688-5	69011-06-9	0.01	N.D.
106	Dioxobis(stearato)trilead*	235-702-8	12578-12-0	0.01	N.D.
107	Fatty acids, C16-18, lead salts*	292-966-7	91031-62-8	0.01	N.D.
108	Lead bis(tetrafluoroborate)*	237-486-0	13814-96-5	0.005	N.D.
109	Lead cyanamidate*	244-073-9	20837-86-9	0.005	N.D.
110	Lead dinitrate*	233-245-9	10099-74-8	0.005	N.D.
111	Lead oxide (lead monoxide)*	215-267-0	1317-36-8	0.005	N.D.
112	Lead tetroxide (orange lead)*	215-235-6	1314-41-6	0.005	N.D.
113	Lead titanium trioxide*	235-038-9	12060-00-3	0.005	N.D.
114	Lead Titanium Zirconium Oxide*	235-727-4	12626-81-2	0.005	N.D.
115	Pentalead tetraoxide sulphate*	235-067-7	12065-90-6	0.005	N.D.
116	Pyrochlore, antimony lead yellow*	232-382-1	8012-00-8	0.005	N.D.
117	Silicic acid, barium salt, lead-doped*	272-271-5	68784-75-8	0.005	N.D.
118	Silicic acid, lead salt*	234-363-3	11120-22-2	0.005	N.D.
119	Sulfurous acid, lead salt, dibasic*	263-467-1	62229-08-7	0.005	N.D.
120	Tetraethyllead*	201-075-4	78-00-2	0.005	N.D.
121	Tetralead trioxide sulphate*	235-380-9	12202-17-4	0.005	N.D.
122	Trilead dioxide phosphonate*	235-252-2	12141-20-7	0.005	N.D.
123	Furan	203-727-3	110-00-9	0.005	N.D.
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	200-879-2	75-56-9	0.005	N.D.
125	Diethyl sulphate	200-589-6	64-67-5	0.005	N.D.

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126	Dimethyl sulphate	201-058-1	77-78-1	0.005	N.D.
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	0.005	N.D.
128	Dinoseb	201-861-7	88-85-7	0.005	N.D.
129	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	0.01	N.D.
130	4,4'-oxydianiline and its salts	202-977-0	101-80-4	0.005	N.D.
131	4-Aminoazobenzene	200-453-6	60-09-3	0.005	N.D.
132	4-methyl-m-phenylenediamine (toluene -2,4 -diamine)	202-453-1	95-80-7	0.005	N.D.
133	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	0.005	N.D.
134	Biphenyl-4-ylamine	202-177-1	92-67-1	0.005	N.D.
135	O-aminoazotoluene	202-591-2	97-56-3	0.005	N.D.
136	O-Toluidine	202-429-0	95-53-4	0.01	N.D.
137	N-methylacetamide	201-182-6	79-16-3	0.01	N.D.
138	1-bromopropane(n-propyl bromide)	203-445-0	106-94-5	0.01	N.D.
139	Cadmium*	231-152-8	7440-43-9	0.005	N.D.
140	Cadmium oxide*	215-146-2	1306-19-0	0.005	N.D.
141	Ammonium pentadecafluorooctanoate(APFO)	223-320-4	3825-26-1	0.01	N.D.
142	Pentadecafluorooctanoic acid(PFOA)	206-397-9	335-67-1	0.01	N.D.
143	Dipentyl phthalate(DPP)	205-017-9	131-18-0	0.01	N.D.
144	4-Nonylphenol, branched and linear,ethoxylated	---	---	0.01	N.D.
145	Cadmium sulphide*	215-147-8	1306-23-6	0.01	N.D.
146	Disodium3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(209-358-4	573-58-0	0.01	N.D.

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Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)	Test Results (%)
	4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)				
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)	217-710-3	1937-37-7	0.01	N.D.
148	Dihexyl phthalate	201-559-5	84-75-3	0.01	N.D.
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	0.01	N.D.
150	Lead di(acetate) *	206-104-4	301-04-2	0.005	N.D.
151	Triethyl phosphate	246-677-8	25155-23-1	0.01	N.D.
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	0.01	N.D.
153	Sodium perborate; perboric acid, sodium salt *	239-172-9 234-390-0	---	0.005	N.D.
154	Sodium peroxometaborate*	231-556-4	7632-04-4	0.005	N.D.
155	Cadmium chloride*	233-296-7	10108-64-2	0.005	N.D.
156	Cadmium fluoride*	232-222-0	7790-79-6	0.005	N.D.
157	Cadmium sulphate*	233-331-6	10124-36-4 31119-53-6	0.005	N.D.
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	0.005	N.D.
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	0.01	N.D.
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	0.01	N.D.
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]-	---	---	0.01	N.D.

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Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)	Test Results (%)
	4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)				
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyldiesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	271-094-0 272-013-1	68515-51-5 68648-93-1	0.01	N.D.
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]	---	---	0.005	N.D.
164	Nitrobenzene	202-716-0	98-95-3	0.01	N.D.
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	0.01	N.D.
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	0.005	N.D.
167	1,3-propanesultone	214-317-9	1120-71-4	0.005	N.D.
168	Perfluorononan-1-oic acid and its sodium and ammonium saltspropanesultone	206-801-3	375-95-1 21049-39-8 4149-60-4	0.005	N.D.
169	Benzo[a]pyrene	200-028-5	50-32-8	0.005	N.D.
170	4,4'- isopropylidenediphenol (Bisphenol A; BPA)	201-245-8	80-05-7	0.005	N.D.
171	-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]	---	---	0.01	N.D.
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	--- 206-400-3	3108-42-7, 335-76-2, 3830-45-3	0.01	N.D.

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Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)	Test Results (%)
		221-470-5			
173	4-tert-amylphenol	201-280-9	80-46-6	0.01	N.D.
174	Perfluorohexane-1-sulphonic acid and its salts(PFHxS)	---	---	0.01	N.D.
175	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	---	13560-89-9; 135821-74-8; 135821-03-3	0.01	N.D.
176	Benz[a]anthracene	200-286-6	56-55-3	0.01	N.D.
177	Cadmium nitrate*	233-710-6	10325-94-7, 10022-68-1	0.005	N.D.
178	Cadmium carbonate*	208-168-9	513-78-0	0.005	N.D.
179	Cadmium hydroxide*	244-168-5	21041-95-2	0.005	N.D.
180	Chrysene	205-923-4	218-01-9, 1719-03-5	0.01	N.D.
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]	---	---	0.01	N.D.
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	209-008-0	552-30-7	0.01	N.D.
183	Dicyclohexyl phthalate (DCHP)	201-545-9	84-61-7	0.01	N.D.
184	Benzo[ghi]perylene	205-883-8	191-24-2	0.01	N.D.
185	Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6	0.01	N.D.
186	Disodium octaborate*	234-541-0	12008-41-2	0.01	N.D.
187	Dodecamethylcyclohexasiloxane (D6)	208-762-8	540-97-6	0.01	N.D.
188	Ethylenediamine (EDA)	203-468-6	107-15-3	0.01	N.D.

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Seq.	Test Item(s)	EC. No.	CAS No.	MDL (%)	Test Results (%)
189	Lead	231-100-4	7439-92-1	0.005	N.D.
190	Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2	0.01	N.D.
191	Terphenyl hydrogenated	262-967-7	61788-32-7	0.01	N.D.
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	0.01	N.D.
193	Benzo[k]fluoranthene	205-916-6	207-08-9	0.005	N.D.
194	Fluoranthene	205-912-4	206-44-0	0.005	N.D.
195	Phenanthrene	201-581-5	85-01-8	0.005	N.D.
196	Pyrene	204-927-3	129-00-0	0.005	N.D.
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8	0.01	N.D.

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- Remark 1**
- 1) In accordance with Regulation(EC) No. 1907/2006, any 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), if both the following conditions are met:
- (a) the substance is present in those articles in quantities total ling over 1 tonne per producer or importer per year;
- (b) the substance is present in those articles above a concentration of 0,1 % weight by weight(w/w).
- 2) From 28 October 2008, EU & EEA suppliers of articles which contain substances on the Candidate List in a concentration above 0.1% (w/w) must provide sufficient information, available to them, to their customers and on request to a consumer within 45 days of there ceipt of this request. This information must ensure safe use of the article and, as aminimum, include the name of the substance.

- Remark 2**
- 1)* Calculated concentration of cobalt dichloride, cobalt(II) sulphate, cobalt(II) dinitrate, cobalt(II) carbonate and cobalt(II) diacetate is based on the identified heavy metal and anion result. Calculated concentration of diarsenic pentaoxide, diarsenic trioxide,chromium trioxide, sodium dichromate, dehydrate, lead hydrogen arsenate, triethyl arsenate, lead chromate, sodium chromate, strontium chromate ,potassium chromate, ammonium dichromate, potassium dichromate, lead chromate molybdate sulfate red, lead sulfochromate yellow and acids generated from chromium trioxide and their oligomers, Lead dipicrate, Lead styphnate, Lead azide Lead diazide, Trilead diarsenate , Calcium arsenate , Arsenic acid , Potassium hydroxyoctaoxodizincatedi-chromate, Dichromium tris(chromate), Pentazinc chromate octahydroxide, Lead(II) bis(methanesulfonate), Diboron trioxide ,Acetic acid, lead salt, basic, Basic lead carbonate (trilead bis(carbonate)dihydroxide), Lead oxide sulfate (basic lead sulfate), [Phthalato(2-)]dioxotrilead (dibasic lead phthalate), Dioxobis(stearato)trilead, Fatty acids, C16-18, lead salts, Lead bis(tetrafluoroborate), Lead cynamidate, Lead dinitrate, Lead oxide (lead monoxide), Lead tetroxide (orange lead), Lead titanium trioxide, Lead Titanium Zirconium Oxide , Pentalead tetraoxide sulphate , Pyrochlore, antimony lead yellow ,Silicic acid, barium salt, lead-doped , Sulfurous acid, lead salt, dibasic, Tetraethyllead, Tetralead trioxide sulphate, Trilead dioxide phosphonate,Cadmium,Cadmium oxide,Cadmium sulphide and Lead di(acetate), Cadmium chloride, Cadmium fluoride, Cadmium sulphate, Cadmium nitrate, Cadmium carbonate, Cadmium hydroxide are based on the identified heavy metal result,boric acid, disodium tetraborate, anhydrous and tetraboron disodium heptaoxide, hydrate , Sodium perborate; perboric acid, sodium salt , Sodium peroxometaborate,

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Disodium octaborate are based on the identified result of boron and sodium result. The identities of above metal substances present in the article have to be further confirmed;

2)** Concentration of bis(tributyltin)oxide, TBTO is reported as tributyltin, TBT. The result is a screening test of TBTO and can cover TBTO and other salts under current technologies. Further investigation is needed to have the exact amount of TBTO;

3)** Calculated concentration of Aluminosilicate, Refractory Ceramic Fibres ;Zirconia Aluminosilicate, Refractory Ceramic Fibres is based on the identified heavy metal result and confirmation by microscope;

4) ****The substance does only fulfil the criteria of REACH Art. 57 (a) if it contains Michler's ketone (EC Number: 202-027-5) or Michler's base (EC Number: 202-959-2) in a concentration \geq 0.1% (weight / weight);

5) N.D. = Not detected, less than MDL.



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Sample photo:

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EBO authenticate the photo on original report only

*** End of Report ***

Sample

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