



Test Report

Report No. ESTC-250509002

Date: 21 May 2025

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APPLICANT : **Shenzhen Anycubic Technology Co., Ltd**
Room 101-501, Building No.11, Yinhai Industrial Park, Yinhe
Community, Yuanshan Street, Longgang District, Shenzhen, Guangdong,
China

DATE OF SUBMISSION : 9 May 2025

TEST PERIOD : 9 May 2025 to 20 May 2025

SAMPLE DESCRIPTION : ABS-Like Resin 3.0

Model No. : ABS-Like Resin 3.0: Black, White, Gray, Beige, Clear, Translucent
Green, Smoky Black, Translucent Yellow, HD Gray, Translucent Blue,
Translucent Red

Manufacturer: /

Exporting countries: /

TEST REQUESTED: Candidate List of Substances of Very High Concern for authorization
published by European Chemicals Agency (ECHA) Regarding Regulation
(EC) No. 1907/2006 concerning REACH

TEST RESULT: Refer to following page(s)

SUMMARY: According to the specified scope and analytical techniques, the
concentration of each of the 247 SVHC is <0.1%(w/w) in the
component(s) of submitted product(s).

EST TECHNOLOGY CO., LTD.

Spark Zhang
Manager, Chemical Department



RT/ZH

REMARK

If there are questions or concerns on this report, please contact the following persons:

Report Enquiry: (86-769) 83081888 Ext. 618 E-mail: gdest@gdest.cn

Business Contact: (86-769) 83081888



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1. Test part Description

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
001	Black liquid	-	-
002	White liquid	-	-
003	Gray liquid	-	-
004	Beige liquid	-	-
005	Clear liquid	-	-
006	Translucent green liquid	-	-
007	Smoky black liquid	-	-
008	Translucent yellow liquid	-	-
009	HD gray liquid	-	-
010	Translucent blue liquid	-	-
011	Translucent red liquid	-	-

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2. Test Result

Test Method:	In-House method, Analysis is based on GC, LC, IC, ICP, with various detection techniques and UV.
Maximum Allowable Limit :	0.1% (Each of Listed)

Test Item(s)	Result		
	Detected Analyte(s)	Conc.	Unit
001+002	ND	ND	%
003+004	ND	ND	%
005+006	ND	ND	%
007+008	ND	ND	%
009+010	ND	ND	%
011	ND	ND	%

Note / Key:

ND = Not detected

“>” = Greater than

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

% = percent

10000 mg/kg = 1 %

Detection Limit (%) : See Appendix.



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Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH

No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
1	Triethyl arsenate*	15606-95-8	427-700-2	0.01	Carcinogenic
2	Anthracene	120-12-7	204-371-1	0.01	PBT
3	4,4'-Diaminodiphenyl methane (MDA)	101-77-9	202-974-4	0.01	Carcinogenic
4	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.01	Toxic for reproduction
5	Cobalt dichloride*	7646-79-9	231-589-4	0.01	Carcinogenic
6	Diarsenic pentaoxide*	1303-28-2	215-116-9	0.01	Carcinogenic
7	Diarsenic trioxide*	1327-53-3	215-481-4	0.01	Carcinogenic
8	Sodium dichromate*	7789-12-0 ⁽¹⁾ , 10588-01-9 ⁽²⁾	234-190-3	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	0.01	vPvB
10	Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0	0.01	Toxic for reproduction; Equivalent level of concern having probable serious effects to human health
11	Hexabromo cyclododecane (HBCDD) and all major diastereoisomers identified: α - HBCDD β - HBCDD γ - HBCDD	3194-55-6 ⁽³⁾ , 25637-99-4 ⁽⁴⁾ 134237-50-6 134237-51-7 134237-52-8	247-148-4, 221-695-9	0.01	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	287-476-5	0.01	PBT, vPvB
13	Bis(tributyltin)oxide (TBTO)**	56-35-9	200-268-0	0.01	PBT
14	Lead hydrogen arsenate*	7784-40-9	232-064-2	0.01	Carcinogenic; Toxic for reproduction
15	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.01	Toxic for reproduction
16	2,4-Dinitrotoluene	121-14-2	204-450-0	0.01	Carcinogenic
17	Anthracene oil	90640-80-5	292-602-7	0.01	Carcinogenic, PBT, vPvB
18	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	0.01	Carcinogenic; Mutagenic, PBT, vPvB
19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.01	Carcinogenic; Mutagenic, PBT, vPvB

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No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
20	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.01	Carcinogenic; Mutagenic, PBT, vPvB
21	Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.01	Carcinogenic; Mutagenic, PBT, vPvB
22	Diisobutyl phthalate	84-69-5	201-553-2	0.01	Toxic for reproduction
23	Aluminosilicate, Refractory Ceramic Fibres ^{*a}	Index no. 650-017-00-8		0.01	-
24	Zirconia Aluminosilicate, Refractory Ceramic Fibres ^{*b}	Index no. 650-017-00-8		0.01	-
25	Lead chromate [*]	7758-97-6	231-846-0	0.01	Carcinogenic; Toxic for reproduction
26	Lead chromate molybdate sulfate red (C.I. Pigment Red 104) [*]	12656-85-8	235-759-9	0.01	Carcinogenic; Toxic for reproduction
27	Lead sulfochromate yellow (C.I. Pigment Yellow 34) [*]	1344-37-2	215-693-7	0.01	Carcinogenic; Toxic for reproduction
28	Tris(2-chloroethyl) phosphate	115-96-8	204-118-5	0.01	Toxic for reproduction
29	Coal tar pitch, high temperature	65996-93-2	266-028-2	0.01	Carcinogenic, PBT, vPvB
30	Acrylamide	79-06-1	201-173-7	0.01	Carcinogenic; Mutagenic
31	Trichloroethylene	79-01-6	201-167-4	0.01	Carcinogenic
32	Boric acid [*]	10043-35-3, 11113-50-1	233-139-2 / 234-343-4	0.01	Toxic for reproduction
33	Disodium tetraborate, anhydrous [*]	1330-43-4 ⁽⁵⁾ , 12179-04-3 ⁽⁶⁾ , 1303-96-4 ⁽⁷⁾	215-540-4	0.01	Toxic for reproduction
34	Tetraboron disodium heptaoxide, hydrate [*]	12267-73-1	235-541-3	0.01	Toxic for reproduction
35	Sodium chromate [*]	7775-11-3	231-889-5	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
36	Potassium chromate [*]	7789-00-6	232-140-5	0.01	Carcinogenic; Mutagenic
37	Ammonium dichromate [*]	7789-09-5	232-143-1	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
38	Potassium dichromate [*]	7778-50-9	231-906-6	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
39	Cobalt(II) sulphate [*]	10124-43-3	233-334-2	0.01	Carcinogenic; Toxic for reproduction
40	Cobalt(II) dinitrate [*]	10141-05-6	233-402-1	0.01	Carcinogenic; Toxic for reproduction
41	Cobalt(II) carbonate [*]	513-79-1	208-169-4	0.01	Carcinogenic; Toxic for reproduction

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No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
42	Cobalt(II) diacetate*	71-48-7	200-755-8	0.01	Carcinogenic; Toxic for reproduction
43	2-Methoxyethanol	109-86-4	203-713-7	0.01	Toxic for reproduction
44	2-Ethoxyethanol	110-80-5	203-804-1	0.01	Toxic for reproduction
45	Chromium trioxide*	1333-82-0	215-607-8	0.01	Carcinogenic; Mutagenic
46	Acid generated from chromium trioxide and their oligomers: Chromic acid* Dichromic acid* Oligomers of chromic acid and dichromic acid*	7738-94-5 13530-68-2 - -	231-801-5 236-881-5 - -	0.01 0.01 0.01 0.01	Carcinogenic
47	2-Ethoxyethyl acetate	111-15-9	203-839-2	0.01	Toxic for reproduction
48	Strontium Chromate*	7789-06-2	232-142-6	0.01	Carcinogenic
49	1,2-benzenedicarboxylic acid, di-C7-11 branched alkyl ester and linear alkyl ester	68515-42-4	271-084-6	0.01	Toxic for reproduction
50	Hydrazine	302-01-2 7803-57-8	206-114-9	0.01	Carcinogenic
51	1-Methyl-2-pyrrolidone	872-50-4	212-828-1	0.01	Toxic for reproduction
52	1,2,3-trichloropropane	96-18-4	202-486-1	0.01	Toxic for reproduction
53	1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl ester, C7-rich (DIHP)	71888-89-6	276-158-1	0.01	Toxic for reproduction
54	Dichromium tris(chromate)*	24613-89-6	246-356-2	0.01	Carcinogenic
55	Potassium hydroxyoctaoxodizincatedi-chromate*	11103-86-9	234-329-8	0.01	Carcinogenic
56	Pentazinc chromate octahydroxide*	49663-84-5	256-418-0	0.01	Carcinogenic
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.01	Carcinogenic
58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.01	Toxic for reproduction
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.01	Carcinogenic
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.01	Equivalent level of concern
61	1,2-Dichloroethane	107-06-2	203-458-1	0.01	Carcinogenic
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.01	Toxic for reproduction
63	Arsenic acid*	7778-39-4	231-901-9	0.01	Carcinogenic
64	Calcium arsenate*	7778-44-1	231-904-5	0.01	Carcinogenic

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No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
65	Trilead diarsenate*	3687-31-8	222-979-5	0.01	Carcinogenic; Toxic for reproduction
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.01	Toxic for reproduction
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.01	Carcinogenic
68	Phenolphthalein	77-09-8	201-004-7	0.01	Carcinogenic
69	Lead azide, Lead diazide*	13424-46-9	236-542-1	0.01	Toxic for reproduction
70	Lead styphnate*	15245-44-0	239-290-0	0.01	Toxic for reproduction
71	Lead dipicrate*	6477-64-1	229-335-2	0.01	Toxic for reproduction
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.01	Toxic for reproduction
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.01	Toxic for reproduction
74	Diboron trioxide*	1303-86-2	215-125-8	0.01	Toxic for reproduction
75	Formamide	75-12-7	200-842-0	0.01	Toxic for reproduction
76	Lead(II) bis(methanesulfonate)*	17570-76-2	401-750-5	0.01	Toxic for reproduction
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione) [§]	2451-62-9	219-514-3	0.01	Mutagenic
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	423-400-0	0.01	Mutagenic
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	0.01	Carcinogenic
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.01	Carcinogenic
81	[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	0.01	Carcinogenic

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No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
82	[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	0.01	Carcinogenic
83	α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.01	Carcinogenic
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.01	Carcinogenic
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.01	Persistent, bioaccumulative and toxic; very persistent and very bioaccumulative
86	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	0.01	Toxic for reproduction
87	Methoxy acetic acid	625-45-6	210-894-6	0.01	Toxic for reproduction ; equivalent level of concern
88	Dibutyltin dichloride (DBT) ^{db}	683-18-1	211-670-0	0.01	Toxic for reproduction
89	1,2-Diethoxyethane	629-14-1	211-076-1	0.01	Toxic for reproduction
90	Hexahydro-2-benzofuran-1,3-dione (HHPA), cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	0.01	Equivalent level of concern
91	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.01	Equivalent level of concern

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No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
92	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	Equivalent level of concern
93	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.01	Very persistent and very bioaccumulative
94	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear ⁺	84777-06-0	284-032-2	0.01	Toxic for reproduction
95	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.01	Very persistent and very bioaccumulative
96	N-pentyl-isopentylphthalate (iPnPP) ⁺	776297-69-9	-	0.01	Toxic for reproduction
97	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.01	Very persistent and very bioaccumulative
98	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	-	-	0.01	Equivalent level of concern
99	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.01	Very persistent and very bioaccumulative
100	Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0	0.01	Toxic for reproduction
101	Lead tetroxide (orange lead)*	1314-41-6	215-235-6	0.01	Toxic for reproduction
102	Diethyl sulphate	64-67-5	200-589-6	0.01	Carcinogenic; Mutagenic
103	Dinoseb	88-85-7	201-861-7	0.01	Toxic for reproduction
104	Lead Titanium Zirconium Oxide*	12626-81-2	235-727-4	0.01	Toxic for reproduction
105	Acetic acid, lead salt, basic*	51404-69-4	257-175-3	0.01	Toxic for reproduction
106	Furan	110-00-9	203-727-3	0.01	Carcinogenic
107	N-methylacetamide	79-16-3	201-182-6	0.01	Toxic for reproduction
108	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	0.01	Carcinogenic
109	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.01	Toxic for reproduction

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110	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.01	Carcinogenic; Mutagenic
111	[Phthalato(2-)]dioxotrilead (Dibasic lead phthalate)*	69011-06-9	273-688-5	0.01	Toxic for reproduction
112	Lead titanium trioxide*	12060-00-3	235-038-9	0.01	Toxic for reproduction
113	Lead oxide sulphate*	12036-76-9	234-853-7	0.01	Toxic for reproduction
114	Lead dinitrate*	10099-74-8	233-245-9	0.01	Toxic for reproduction
115	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	0.01	Carcinogenic
116	Lead cyanamidate*	20837-86-9	244-073-9	0.01	Toxic for reproduction
117	Tetralead trioxide sulphate*	12202-17-4	235-380-9	0.01	Toxic for reproduction
118	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	0.01	Carcinogenic
119	Pyrochlore, antimony lead yellow*	8012-00-8	232-382-1	0.01	Toxic for reproduction
120	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	215-290-6	0.01	Toxic for reproduction
121	Dimethyl sulphate	77-78-1	201-058-1	0.01	Carcinogenic
122	Dioxobis(stearato)trilead*	12578-12-0	235-702-8	0.01	Toxic for reproduction
123	Silicic acid, barium salt, lead-doped*	68784-75-8	272-271-5	0.01	Toxic for reproduction
124	Biphenyl-4-ylamine	92-67-1	202-177-1	0.01	Carcinogenic
125	Lead oxide (lead monoxide)*	1317-36-8	215-267-0	0.01	Toxic for reproduction
126	Pentalead tetraoxide sulphate*	12065-90-6	235-067-7	0.01	Toxic for reproduction
127	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	0.01	Carcinogenic; Mutagenic
128	Silicic acid, lead salt*	11120-22-2	234-363-3	0.01	Toxic for reproduction
129	Trilead dioxide phosphonate*	12141-20-7	235-252-2	0.01	Toxic for reproduction
130	o-aminoazotoluene	97-56-3	202-591-2	0.01	Carcinogenic
131	1-bromopropane	106-94-5	203-445-0	0.01	Toxic for reproduction
132	6-methoxy-m-toluidine (p- cresidine)	120-71-8	204-419-1	0.01	Carcinogenic
133	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.01	Carcinogenic
134	Tetraethyllead*	78-00-2	201-075-4	0.01	Toxic for reproduction
135	Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1	0.01	Toxic for reproduction

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136	Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7	0.01	Toxic for reproduction
137	Diisopentylphthalate ⁺	605-50-5	210-088-4	0.01	Toxic for reproduction
138	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.01	Equivalent level of concern
139	Cadmium*	7440-43-9	231-152-8	0.01	Carcinogenic; Equivalent level of concern
140	Cadmium oxide*	1306-19-0	215-146-2	0.01	Carcinogenic; Equivalent level of concern
141	Dipentyl phthalate (DPP) ⁺	131-18-0	205-017-9	0.01	Toxic for reproduction
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]	-	-	0.01	Equivalent level of concern
143	Ammonium pentadecafluorooctanoate (APFO) [‡]	3825-26-1	223-320-4	0.01	Toxic for reproduction; PBT
144	Pentadecafluorooctanoic acid (PFOA) [‡]	335-67-1	206-397-9	0.01	Toxic for reproduction; PBT
145	Cadmium sulphide*	1306-23-6	215-147-8	0.01	Carcinogenic; Equivalent level of concern
146	Dihexyl phthalate	84-75-3	201-559-5	0.01	Toxic for reproduction
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	0.01	Carcinogenic
148	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	217-710-3	0.01	Carcinogenic

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No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.01	Toxic for reproduction
150	Lead di(acetate)*	301-04-2	206-104-4	0.01	Toxic for reproduction
151	Trixylyl phosphate	25155-23-1	246-677-8	0.01	Toxic for reproduction
152	Cadmium chloride*	10108-64-2	233-296-7	0.01	Carcinogenic; Mutagenic; Toxic for Reproduction; Equivalent level of concern having probable serious effects to human health
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear ⁺⁺	68515-50-4	271-093-5	0.01	Toxic for reproduction
154	Sodium peroxometaborate*	7632-04-4	231-556-4	0.01	Toxic for reproduction
155	Sodium perborate; perboric acid, sodium salt*	-	239-172-9; 234-390-0	0.01	Toxic for reproduction
156	Cadmium fluoride*	7790-79-6	232-222-0	0.01	Carcinogenic; Mutagenic; Toxic for Reproduction; Equivalent level of concern having probable serious effects to human health
157	Cadmium sulphate*	10124-36-4; 31119-53-6	233-331-6	0.01	Carcinogenic; Mutagenic; Toxic for Reproduction; Equivalent level of concern having probable serious effects to human health
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.01	PBT; vPvB
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.01	PBT; vPvB
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) ^{db}	15571-58-1	239-622-4	0.01	Toxic for Reproduction

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No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
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) ^{db}	-	-	0.01	Toxic for Reproduction
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq$ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5; 68648-93-1	271-094-0; 272-013-1	0.01	Toxic for reproduction
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]	-	-	0.01	Very persistent and very bioaccumulative
164	1,3-propanesultone	1120-71-4	214-317-9	0.01	Carcinogenic
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.01	vPvB
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.01	vPvB
167	Nitrobenzene	98-95-3	202-716-0	0.01	Toxic for reproduction
168	Perfluorononan-1-oic acid and its sodium and ammonium salts	375-95-1; 21049-39-8; 4149-60-4	206-801-3	0.01	Toxic for reproduction; PBT
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.01	Carcinogenic ; Mutagenic ; Toxic for reproduction; PBT ; vPvB
170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	201-245-8	0.01	Toxic for reproduction
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	206-400-3 - 221-470-5	0.01	Toxic for reproduction; PBT

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No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
172	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	0.01	Equivalent level of concern having probable serious effects to environment
173	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]	-	-	0.01	Equivalent level of concern having probable serious effects to environment
174	Perfluorohexane-1-sulphonic acid and its salts	335-46-4	206-587-1	0.01	vPvB
175	Dechlorane Plus(TM) and reaction products of 1,3,4-thiadiazolidine-2,5-dithione	-	13560-89-9; 135821-74-8; 135821-03-3	0.01	vPvB
176	benz[a]anthracene	200-280-6	56-55-3	0.01	PBT vPvB
177	cadmium nitrate	233-710-6	10325-94-7	0.01	Carcinogenic; Mutagenic
178	cadmium carbonate	208-168-9	513-76-0	0.01	Carcinogenic; Mutagenic
179	cadmium hydroxide	244-168-5	21041-95-2	0.01	Carcinogenic; Mutagenic
180	chrysene	205-923-4	218-01-9	0.01	PBT vPvB
181	formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4 heptylphenol, branched and linear]	-	-	0.01	Environmental endocrine disruptors
182	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.01	PBT vPvB
183	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.01	PBT vPvB
184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.01	PBT vPvB
185	Lead	7439-92-1	231-100-4	0.01	Toxic for reproduction
186	Disodium octaborate	12008-41-2	234-541-0	0.01	Toxic for reproduction
187	Benzo[ghi]perylene	191-24-2	205-883-8	0.01	PBT vPvB
188	Terphenyl, hydrogenated	61788-32-7	262-967-7	0.01	vPvB
189	Terphenyl, hydrogenated (EDA)	107-15-3	203-468-6	0.01	Respiratory sensitising properties

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No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA)	552-30-7	209-008-0	0.01	Respiratory sensitising properties
191	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.01	Toxic for reproduction Endocrine disrupting properties
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	0.01	Endocrine disrupting properties (Article 57(f) - environment)
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.01	Toxic for reproduction (Article 57c)
194	Benzo[k]fluoranthene	207-08-9	205-916-6	0.01	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)
195	Fluoranthene	206-44-0; 93951-69-0	205-912-4	0.01	PBT (Article 57d) vPvB (Article 57e)
196	Phenanthrene	85-01-8	201-581-5	0.01	vPvB (Article 57e)
197	Pyrene	129-00-0; 1718-52-1	204-927-3	0.01	PBT (Article 57d) vPvB (Article 57e)
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	-	0.01	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
199	2-methoxyethyl acetate	110-49-6	203-772-9	0.01	Toxic for reproduction (Article 57c)
200	4-tert-butylphenol	98-54-4	202-679-0	0.01	Endocrine disrupting properties (Article 57(f) - environment)
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	0.01	Endocrine disrupting properties (Article 57(f) - environment)
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	0.01	Toxic for reproduction
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	0.01	Toxic for reproduction

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No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
204	Diisohexyl phthalate	71850-09-4	276-090-2	0.01	Toxic for reproduction
205	Perfluorobutane sulfonic acid (PFBS) and its salts	/	/	0.01	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
206	1-vinylimidazole	1072-63-5	214-012-0	0.01	Toxic for reproduction (Article 57c)
207	2-methylimidazole	693-98-1	223-383-8	0.01	Toxic for reproduction (Article 57c)
208	Butyl 4-hydroxybenzoate	94-26-8	253-037-1	0.01	Endocrine disrupting properties (Article 57(f) – human health)
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	201-545-9	0.01	Toxic for reproduction (Article 57c)
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	205-594-7	0.01	Toxic for reproduction (Article 57c)
211	Diocetyl tin 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 dioctyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.	/	/	0.01	Toxic for reproduction (Article 57c)
212	1,4-dioxane	204-661-8	123-91-1	0.01	Carcinogenic; Equivalent level of concern having probable serious effects to human health; human; Equivalent level of concern having probable serious effects to the environment;

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No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
213	2,2bis(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	221-967-7, 253-057-0, 202-480-9	0.01	Carcinogenic
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	75166-31-3, 80-54-6, 75166-30-2	201-289-8	0.01	Toxic for reproduction
215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	77-40-7	201-025-1	0.01	Endocrine disrupting properties; Endocrine disrupting properties
216	Glutaral	111-30-8	203-856-5	0.01	Respiratory sensitising properties
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]	1372804-76-6, 85535-85-9, 198840-65-2	287-477-0, 950-299-5	0.01	PBT; vPvB
218	Orthoboric acid, sodium salt	25747-83-5, 22454-04-2, 14312-40-4, 1333-73-9, 13840-56-7	238-253-6, 215-604-1, 237-560-2	0.01	Toxic for reproduction
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)	210555-94-5, 27147-75-7, 121158-58-5, 74499-35-7, 57427-55-1	310-154-3	0.01	Toxic for reproduction; Endocrine disrupting properties; Endocrine disrupting properties
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)	-	-	0.01	Endocrine disrupting properties

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No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	204-327-1	0.01	Toxic for reproduction
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	255881-94-8	401-850-9	0.01	PBT
223	tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.01	Toxic for reproduction
224	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	0.01	Carcinogenic; Mutagenic
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	253-692-3	0.01	vPvB
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	201-236-9	0.01	Carcinogenic
227	4,4'-sulphonyldiphenol	80-09-1	201-250-5	0.01	Toxic for reproduction; Endocrine disrupting properties; Endocrine disrupting properties;
228	Barium diboron tetraoxide	13701-59-2	237-222-4	0.01	Toxic for reproduction
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	-	0.01	vPvB
230	Isobutyl 4-hydroxybenzoate	4274-02-3	224-208-8	0.01	Endocrine disrupting properties
231	Melamine	108-78-1	203-615-4	0.01	Equivalent level of concern having probable serious effects to human health; Equivalent level of concern having probable serious effects to the environment

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No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
232	Perfluoroheptanoic acid and its salts	-	-	0.01	Toxic for reproduction; PBT; vPvB; Equivalent level of concern having probable serious effects to human health; Equivalent level of concern having probable serious effects to the environment
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	-	473-390-7	0.01	vPvB
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	278-355-8	0.01	Toxic for reproduction
235	Bis(4-chlorophenyl) sulphone	80-07-9	201-247-9	0.01	vPvB
236	2,4,6-tri-tert-butylphenol	732-26-3	211-989-5	0.01	Toxic for reproduction; PBT
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	221-573-5	0.01	vPvB
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	438-340-0	0.01	Toxic for reproduction (Article 57c)
239	Bumetrizole (UV-326)	3896-11-5	223-445-4	0.01	vPvB
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	700-960-7	0.01	vPvB
241	Bis(α,α -dimethylbenzyl) peroxide	80-43-3	201-279-3	0.01	Toxic for reproduction
242	Triphenyl phosphate	115-86-6	204-112-2	0.01	Endocrine disrupting properties

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No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	701-118-1	0.01	Toxic for reproduction
244	O,O,O-triphenyl phosphorothioate	597-82-0	209-909-9	0.01	PBT
245	Octamethyltrisiloxane	107-51-7	203-497-4	0.01	vPvB
246	Perfluamine	338-83-0	206-420-2	0.01	vPvB
247	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	421-820-9	0.01	PBT

- (1) CAS no. 7789-12-0 refers to sodium dichromate dihydrate
(2) CAS no. 10588-01-9 refers to anhydrous sodium dichromate
(3) CAS no. 3194-55-6 refers to a specific HBCDD - 1,2,5,6,9,10-hexabromocyclododecane
(4) CAS no. 25637-99-4 refers to unspecific HBCDD isomer composition
(5) CAS no. 1330-43-4 refers to disodium tetraborate, anhydrous
(6) CAS no. 12179-04-3 refers to sodium tetraborate, pentahydrate
(7) CAS no. 1303-96-4 refers to sodium tetraborate, decahydrate



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Remark:

- The list of Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH and is summarized in table of appendix.

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.

*Result is based on the heavy metal or inorganic element concentration. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.

**Result is identified by tributyltin (TBT). Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.

§TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) and β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) are reported as a mixture.

aRefer to Aluminosilicate, Refractory Ceramic Fibres fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (μm) c) alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content less or equal to 18% by weight.

bRefer to Zirconia Aluminosilicate, Refractory Ceramic Fibres fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (μm). c) alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content less or equal to 18% by weight.

+ [1,2-Benzenedicarboxylic acid, dipentylester, branched and linear] is a mixture of phthalates contains DPP, DIPP and N-pentyl-isopentylphthalate.

++ [1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear] is a mixture of phthalates contains dihexyl phthalate.

♂Result is based on the tin metal concentration, and further confirmation for checking DBT, DOTE & MOTE concentration.



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3. Photo of the Submitted Sample



EST Technology authenticate the photo on original report only

**** End of Report ****

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