Test Report

Applicant: Megastek Technologies Limited
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The content of this test report is copied from the test report No.:SPF18020248 in full context.

The following samples were submitted and identified by/on behalf of client as:
Name of Product/Item : Waterproof Parolee GPS Tracker
Item No. : MT200X / MT200

Sample Received Date: Feb. 10, 2017
Testing Period: From Feb. 10, 2017 to Feb. 20, 2017

Test Requested	As specified by client, to screen the 173 substances of very high concern(SVHC) under Regulation(EC) No 1907/2006 of REACH in the submitted sample(s).
Test Method	Please refer to the following page(s).
Test Result(s)	Please refer to the following page(s).
Summary	According to the analytical results, concentrations of 173 SVHC substances are all less than 0.1% (w/w) in the submitted sample(s).

Tested by : Lin JiaSheng, Lin

Inspected by : Zhang WenXia, Wendy

Approved by : Zhang Feng, Jee
Lab Manager

The test report is not valid without the stamp of testing institute or the special stamp of testing report. Copy of the report is invalid without the additional above mentioned stamp. The test report is not valid without the signatures or seals of the testing, reviewing and approving person. The test report is invalid if scribbled or altered. Any dispute of the test is received, exceeding which the testing body within 15 days after the test report is received, exceeding which the dispute will not be accepted. The result of the commission test is only referring to the sample(s) accepted.
Perfect testing technology group Co., Ltd. Add: The second floor, South of Qiguang Industry Area , TaiAn Road, Chenghai District, Shantou, Guangdong, China
Tel: 0754-88894222 Fax: 0754-88894229 report searching: www. Spg. net. cn

Test Result(s)

No.	Substance Name(s)	CAS No.	EC No.	Concentration (%)			Report Limit
				1	2	3	
1	Anthracene	120-12-7	204-371-1	N.D.	N.D.	N.D.	0.005%
2	4,4'- Diaminodiphenylmethane	101-77-9	202-974-4	N.D.	N.D.	N.D.	0.005%
3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	N.D.	N.D.	N.D.	0.005%
4	Cobalt dichloride*	7646-79-9	231-589-4	N.D.	N.D.	N.D.	0.01%
5	Diarsenic pentaoxide*	1303-28-2	215-116-9	N.D.	N.D.	N.D.	0.01%
6	Diarsenic trioxide*	1327-53-3	215-481-4	N.D.	N.D.	N.D.	0.01%
7	Sodium dichromate*	7789-12-0/ 10588-01-9	234-190-3	N.D.	N.D.	N.D.	0.01%
8	Musk xylene	81-15-2	201-329-4	N.D.	N.D.	N.D.	0.005%
9	Bis(2-ethyl(hexyl)phthalate)(DEHP)	117-81-7	204-211-0	N.D.	N.D.	N.D.	0.005%
10	Hexabromocyclododecane (HBCDD)	25637-99-4/ 3194-55-6	247-148-4/ 221-695-9	N.D.	N.D.	N.D.	0.005%
11	Short Chain Chlorinated Paraffins(SCCPs)	85535-84-8	287-476-5	N.D.	N.D.	N.D.	0.01%
12	Bis(tributyltin)oxide (TBTO)*	56-35-9	200-268-0	N.D.	N.D.	N.D.	0.005%
13	Lead hydrogen arsenate*	7784-40-9	232-064-2	N.D.	N.D.	N.D.	0.01%
14	Benzyl butyl phthalate(BBP)	85-68-7	201-622-7	N.D.	N.D.	N.D.	0.005%
15	Triethyl arsenate*	15606-95-8	427-700-2	N.D.	N.D.	N.D.	0.01%
16	①Anthracene oil	90640-80-5	292-602-7	N.D.	N.D.	N.D.	0.05%
17	①Anthracene oil, anthracene paste, distn. Lights ****	91995-17-4	295-278-5	N.D.	N.D.	N.D.	0.05%
18	①Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	N.D.	N.D.	N.D.	0.05%
19	①Anthracene oil, anthracene-low	90640-82-7	292-604-8	N.D.	N.D.	N.D.	0.05%
20	①Anthracene oil, anthracene paste	90640-81-6	292-603-2	N.D.	N.D.	N.D.	0.05%
21	①Coal tar pitch, high temperature	65996-93-2	266-028-2	N.D.	N.D.	N.D.	0.05%
22	Acrylamide	79-06-1	201-173-7	N.D.	N.D.	N.D.	0.01%
23	2,4-Dinitrotoluene	121-14-2	204-450-0	N.D.	N.D.	N.D.	0.01%
24	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	N.D.	N.D.	N.D.	0.005%
25	②Lead chromate	7758-97-6	231-846-0	N.D.	N.D.	N.D.	0.05%
26	②Lead chromate molybdate sulphate red (C.I. Pigment Red 104)***	12656-85-8	235-759-9	N.D.	N.D.	N.D.	0.05%
27	②Lead sulfochromate yellow (C.I. Pigment Yellow 34)***	1344-37-2	215-693-7	N.D.	N.D.	N.D.	0.05%
28	Tris(2-chloroethyl)phosphate (TCEP)	115-96-8	204-118-5	N.D.	N.D.	N.D.	0.01%

Test Result(s)

No.	Substance Name(s)	CAS No.	EC No.	Concentration (%)			Report Limit
				1	2	3	
29	Trichloroethylene	79-01-6	201-167-4	N.D.	N.D.	N.D.	0.005%
30	③Boric acid	10043-35-3 11113-50-1	233-139-2 234-343-4	N.D.	N.D.	N.D.	0.01%
31	③Disodium tetraborate, anhydrous*****	1330-43-4 12179-04-3 1303-96-4	215-540-4	N.D.	N.D.	N.D.	0.01%
32	③Tetraboron disodium heptaoxide, hydrate*****	12267-73-1	235-541-3	N.D.	N.D.	N.D.	0.01%
33	Sodium chromate*	7775-11-3	231-889-5	N.D.	N.D.	N.D.	0.01%
34	Potassium chromate*	7789-00-6	232-140-5	N.D.	N.D.	N.D.	0.01%
35	Ammonium dichromate*	7789-09-5	232-143-1	N.D.	N.D.	N.D.	0.01%
36	Potassium dichromate*	7778-50-9	231-906-6	N.D.	N.D.	N.D.	0.01%
37	Cobalt(Ⅱ) sulphate*	10124-43-3	233-334-2	N.D.	N.D.	N.D.	0.01%
38	Cobalt(Ⅱ) dinitrate*	10141-05-6	233-402-1	N.D.	N.D.	N.D.	0.01%
39	Cobalt(Ⅱ) carbonate*	513-79-1	208-169-4	N.D.	N.D.	N.D.	0.01%
40	Cobalt(Ⅱ) diacetate*	71-48-7	200-755-8	N.D.	N.D.	N.D.	0.01%
41	2-Methoxyethanol	109-86-4	203-713-7	N.D.	N.D.	N.D.	0.005%
42	2-Ethoxyethanol	110-80-5	203-804-1	N.D.	N.D.	N.D.	0.005%
43	Chromium trioxide*	1333-82-0	215-607-8	N.D.	N.D.	N.D.	0.01%
44	Acids 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	N.D.	N.D.	N.D.	0.01%
45	2-ethoxyethyl acetate	111-15-9	203-839-2	N.D.	N.D.	N.D.	0.01%
46	Strontium chromate*	7789-06-2	232-142-6	N.D.	N.D.	N.D.	0.01%
47	①1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	N.D.	N.D.	N.D.	0.01%
48	Hydrazine	7803-57-8 302-01-2	206-114-9	N.D.	N.D.	N.D.	0.01%
49	1-methyl-2-pyrrolidone	872-50-4	212-828-1	N.D.	N.D.	N.D.	0.01%
50	1,2,3-trichloropropane	96-18-4	202-486-1	N.D.	N.D.	N.D.	0.01%
51	①1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	N.D.	N.D.	N.D.	0.01%
52	Dichromium tris(chromate)*	24613-89-6	246-356-2	N.D.	N.D.	N.D.	0.01%

Test Result(s)

No.	Substance Name(s)	CAS No.	EC No.	Concentration (%)			Report Limit
				1	2	3	
53	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	234-329-8	N.D.	N.D.	N.D.	0.01%
54	Pentazinc chromate octahydroxide*	49663-84-5	256-418-0	N.D.	N.D.	N.D.	0.01%
55	②Aluminosilicate Refractory Ceramic Fibres (RCF) **	-	-	N.D.	N.D.	N.D.	0.05%
56	②Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) **	-	-	N.D.	N.D.	N.D.	0.05%
57	①Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	N.D.	N.D.	N.D.	0.01%
58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	N.D.	N.D.	N.D.	0.005%
59	2-Methoxyaniline (o-Anisidine)	90-04-0	201-963-1	N.D.	N.D.	N.D.	0.005%
60	4-(1,1,3,3-tetramethylbutyl)phenol (4-tert-Octylphenol)	140-66-9	205-426-2	N.D.	N.D.	N.D.	0.005%
61	1,2-Dichloroethane	107-06-2	203-458-1	N.D.	N.D.	N.D.	0.005%
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	N.D.	N.D.	N.D.	0.005%
63	Arsenic acid*	7778-39-4	231-901-9	N.D.	N.D.	N.D.	0.01%
64	Calcium arsenate*	7778-44-1	231-904-5	N.D.	N.D.	N.D.	0.01%
65	Trilead diarsenate*	3687-31-8	222-979-5	N.D.	N.D.	N.D.	0.01%
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	N.D.	N.D.	N.D.	0.005%
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	N.D.	N.D.	N.D.	0.005%
68	Phenolphthalein	77-9-8	201-004-7	N.D.	N.D.	N.D.	0.005%
69	Lead diazide*	13424-46-9	236-542-1	N.D.	N.D.	N.D.	0.01%
70	Lead 2,4,6-trinitro-m-phenylene dioxide (Lead styphnate)*	15245-44-0	239-290-0	N.D.	N.D.	N.D.	0.01%
71	Lead dipicrate*	6477-64-1	229-335-2	N.D.	N.D.	N.D.	0.01%
72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	203-977-3	N.D.	N.D.	N.D.	0.01%
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	N.D.	N.D.	N.D.	0.01%
74	③Diboron trioxide	1303-86-2	215-125-8	N.D.	N.D.	N.D.	0.01%

Test Result(s)

No.	Substance Name(s)	CAS No.	EC No.	Concentration (%)			Report Limit
				1	2	3	
75	Formamide	75-12-7	200-842-0	N.D.	N.D.	N.D.	0.01%
76	Lead(II) bis methanesulfonate*	17570-76-2	401-750-5	N.D.	N.D.	N.D.	0.01%
77	TGIC(1,3,5-tris(oxiranylmethyl)-1, 3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	N.D.	N.D.	N.D.	0.01%
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	N.D.	N.D.	N.D.	0.01%
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	N.D.	N.D.	N.D.	0.01%
80	N,N,N',N'-tetramethyl-4,4'-methylened ianiline (Michler's base)	101-61-1	202-959-2	N.D.	N.D.	N.D.	0.01%
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	N.D.	N.D.	N.D.	0.01%
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	N.D.	N.D.	N.D.	0.01%
83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	N.D.	N.D.	N.D.	0.01%
84	4,4'-bis(dimethylamino)-4"-(methylamino)trityl alcohol	561-41-1	209-218-2	N.D.	N.D.	N.D.	0.01%
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	N.D.	N.D.	N.D.	0.05%
86	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]*	-	-	N.D.	N.D.	N.D.	0.05%

Test Result(s)

No.	Substance Name(s)	CAS No.	EC No.	Concentration (%)			Report Limit
				1	2	3	
87	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	N.D.	N.D.	N.D.	0.05%
88	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated *[covering well-defined substances and UVCB substances, polymers and homologues]*	-	-	N.D.	N.D.	N.D.	0.05%
89	Henicosafluoroundecanoic acid	2058-94-8	218-165-4	N.D.	N.D.	N.D.	0.05%
90	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	N.D.	N.D.	N.D.	0.05%
91	Cyclohexane-1,2-dicarboxylic anhydride, 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	N.D.	N.D.	N.D.	0.05%
92	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	N.D.	N.D.	N.D.	0.05%
93	Heptacosafluorotetradecanoic acid	376-06-7	206-803-4	N.D.	N.D.	N.D.	0.05%
94	Diisopentylphthalate(DIPP)	605-50-5	210-088-4	N.D.	N.D.	N.D.	0.05%
95	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	N.D.	N.D.	N.D.	0.05%
96	N-pentyl-isopentylphthalate	776297-69-9	-	N.D.	N.D.	N.D.	0.05%
97	Methoxyacetic acid	625-45-6	210-894-6	N.D.	N.D.	N.D.	0.05%
98	Tricosafluorododecanoic acid	307-55-1	206-203-2	N.D.	N.D.	N.D.	0.05%
99	1,2-Diethoxyethane	629-14-1	211-076-1	N.D.	N.D.	N.D.	0.05%
100	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	N.D.	N.D.	N.D.	0.05%
101	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	N.D.	N.D.	N.D.	0.05%
102	N-methylacetamide	79-16-3	201-182-6	N.D.	N.D.	N.D.	0.05%

Test Result(s)

No.	Substance Name(s)	CAS No.	EC No.	Concentration (%)			Report Limit
				1	2	3	
103	Pentalead tetraoxide sulphate*	12065-90-6	235-067-7	N.D.	N.D.	N.D.	0.01%
104	Biphenyl-4-ylamine	92-67-1	202-177-1	N.D.	N.D.	N.D.	0.05%
105	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	N.D.	N.D.	N.D.	0.05%
106	Dioxobis(stearato)trilead*	12578-12-0	235-702-8	N.D.	N.D.	N.D.	0.01%
107	Lead dinitrate*	10099-74-8	233-245-9	N.D.	N.D.	N.D.	0.01%
108	Tetralead trioxide sulphate*	12202-17-4	235-380-9	N.D.	N.D.	N.D.	0.01%
109	Lead monoxide (lead oxide)*	1317-36-8	215-267-0	N.D.	N.D.	N.D.	0.01%
110	Lead titanium trioxide*	12060-00-3	235-038-9	N.D.	N.D.	N.D.	0.01%
111	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	N.D.	N.D.	N.D.	0.05%
112	Acetic acid, lead salt, basic*	51404-69-4	257-175-3	N.D.	N.D.	N.D.	0.01%
113	Dimethyl sulphate	77-78-1	201-058-1	N.D.	N.D.	N.D.	0.05%
114	Furan	110-00-9	203-727-3	N.D.	N.D.	N.D.	0.05%
115	Pyrochlore, antimony lead yellow*	8012-00-8	232-382-1	N.D.	N.D.	N.D.	0.01%
116	Tetraethyllead*	78-00-2	201-075-4	N.D.	N.D.	N.D.	0.01%
117	[Phthalato(2-)]dioxotrilead*	69011-06-9	273-688-5	N.D.	N.D.	N.D.	0.01%
118	Diethyl sulphate	64-67-5	200-589-6	N.D.	N.D.	N.D.	0.05%
119	Lead cyanamidate*	20837-86-9	244-073-9	N.D.	N.D.	N.D.	0.01%
120	Silicic acid ($H_2Si_2O_5$), barium salt (1:1), lead-doped*	68784-75-8	272-271-5	N.D.	N.D.	N.D.	0.01%
121	Trilead dioxide phosphonate*	12141-20-7	235-252-2	N.D.	N.D.	N.D.	0.01%
122	*o*-Toluidine	95-53-4	202-429-0	N.D.	N.D.	N.D.	0.05%
123	*o*-aminoazotoluene	97-56-3	202-591-2	N.D.	N.D.	N.D.	0.05%
124	4-aminoazobenzene	60-09-3	200-453-6	N.D.	N.D.	N.D.	0.05%
125	6-methoxy-*m*-toluidine (*p*-cresidine)	120-71-8	204-419-1	N.D.	N.D.	N.D.	0.05%
126	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	N.D.	N.D.	N.D.	0.05%
127	Lead titanium zirconium oxide*	12626-81-2	235-727-4	N.D.	N.D.	N.D.	0.01%
128	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	N.D.	N.D.	N.D.	0.05%
129	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	N.D.	N.D.	N.D.	0.05%
130	Trilead bis(carbonate)dihydroxide*	1319-46-6	215-290-6	N.D.	N.D.	N.D.	0.01%
131	Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7	N.D.	N.D.	N.D.	0.01%
132	Orange lead (lead tetroxide)*	1314-41-6	215-235-6	N.D.	N.D.	N.D.	0.01%
133	Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1	N.D.	N.D.	N.D.	0.01%

Test Result(s)

No.	Substance Name(s)	CAS No.	EC No.	Concentration (%)			Report Limit
				1	2	3	
134	4,4'-oxydianiline and its salts	101-80-4	202-977-0	N.D.	N.D.	N.D.	0.05%
135	Lead oxide sulfate*	12036-76-9	234-853-7	N.D.	N.D.	N.D.	0.01%
136	Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0	N.D.	N.D.	N.D.	0.01%
137	Silicic acid, lead salt*	11120-22-2	234-363-3	N.D.	N.D.	N.D.	0.01%
138	N,N-dimethylformamide	68-12-2	200-679-5	N.D.	N.D.	N.D.	0.05%
139	Cadmium	7440-43-9	231-152-8	N.D.	N.D.	N.D.	0.01%
140	Cadmium oxide*	1306-19-0	215-146-2	N.D.	N.D.	N.D.	0.01%
141	Dipentyl phthalate (DPP)	131-18-0	205-017-9	N.D.	N.D.	N.D.	0.01%
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]*	-	-	N.D.	N.D.	N.D.	0.05%
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	N.D.	N.D.	N.D.	0.01%
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	N.D.	N.D.	N.D.	0.01%
145	Cadmium sulphide	1306-23-6	215-147-8	N.D.	N.D.	N.D.	0.01%
146	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	N.D.	N.D.	N.D.	0.01%
147	Dihexyl phthalate	84-75-3	201-559-5	N.D.	N.D.	N.D.	0.05%
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	202-506-9	N.D.	N.D.	N.D.	0.05%
149	Trixylyl phosphate	25155-23-1	246-677-8	N.D.	N.D.	N.D.	0.05%

Test Result(s)

No.	Substance Name(s)	CAS No.	EC No.	Concentration (%)			Report Limit
				1	2	3	
150	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	N.D.	N.D.	N.D.	0.01%
151	Lead di(acetate)	301-04-2	206-104-4	N.D.	N.D.	N.D.	0.05%
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	N.D.	N.D.	N.D.	0.05%
153	Sodium perborate; perboric acid, sodium salt	234-390-0	239-172-9	N.D.	N.D.	N.D.	0.01%
154	Sodium peroxometaborate	7632-04-4	231-556-4	N.D.	N.D.	N.D.	0.01%
155	Cadmium chloride	10108-64-2	233-296-7	N.D.	N.D.	N.D.	0.01%
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	N.D.	N.D.	N.D.	0.01%
157	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia -4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	N.D.	N.D.	N.D.	0.01%
158	reaction mass of 2-ethylhexyl 10-ethyl-4,4 -dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatet radecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-oc tyl-7-oxo-8-oxa-3,5-dithia-4-stannatetrade canoate (reaction mass of DOTE and MO TE)	-	-	N.D.	N.D.	N.D.	0.01%
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylph enol (UV-328)	25973-55-1	247-384-8	N.D.	N.D.	N.D.	0.01%
160	Cadmium fluoride	7790-79-6	232-222-0	N.D.	N.D.	N.D.	0.01%
161	Cadmium sulphate	10124-36-4, 31119-53-6	232-222-0	N.D.	N.D.	N.D.	0.01%
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	N.D.	N.D.	N.D.	0.01%

Test Result(s)

No.	Substance Name(s)	CAS No.	EC No.	Concentration (%)			Report Limit
				1	2	3	
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]	-	-	N.D.	N.D.	N.D.	0.01%
164	Perfluorononan-1-oic-acid and its sodium and ammonium salts	1120-71-4	214-317-9	N.D.	N.D.	N.D.	0.01%
165	Nitrobenzene	3864-99-1	223-383-8	N.D.	N.D.	N.D.	0.01%
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	N.D.	N.D.	N.D.	0.01%
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	98-95-3	202-716-0	N.D.	N.D.	N.D.	0.01%
168	1,3-propanesultone	375-95-1 21049-39-8 4149-60-4	206-801-3	N.D.	N.D.	N.D.	0.01%
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	N.D.	N.D.	N.D.	0.01%
170	4,4'-isopropylidenediphenol Bisphenol A; BPA	80-05-7	201-245-8	N.D.	N.D.	N.D.	0.01%
171	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	-	-	N.D.	N.D.	N.D.	0.01%
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Decanoic acid, nonadecafluoro-, sodium salt Ammonium nonadecafluorodecanoate Nonadecafluorodecanoic acid	3830-45-3 3108-42-7 335-76-2	- 221-470-5 206-400-3	N.D.	N.D.	N.D.	0.01%
173	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	N.D.	N.D.	N.D.	0.01%

Test Method:

Refer to US EPA3052:1996, US EPA 3050B:1996, US EPA3060A:1996, US EPA 3550C:2007, US EPA 3540C:1996, ISO 17353:2004(E), BS EN 14582:2007 for sample pretreatment.
Analyzed by ICP-OES, SEM-EDS, UV-Vis, IC, HPLC, GC-MS, Headspace-GCMS and LC-MS-MS.

Tested Sample/Part Description

Total weight: 481.0g

Code	Sample name	Weight (g)	Specimen description
1	Plastic shell and other plastic parts	226.0	Mixed
2	Metal parts	214.0	Mixed
3	PCBA	41.0	Mixed

Note:

1. w/w = weight by weight; 0.1% = 1000 mg/kg =1000 ppm
2. N.D. = Not Detected
3. *: Concentration value of the substance by the conversion from the test results of certain elements. Concentration value of Bis(tributyltin)oxide by the conversion from the test results of Tributyl Tins.
4. **: All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packaging of chemical substances and mixtures, the so called CLP Regulation (Regulation (EC) No 1272/2008).
5. ***: C.I.: Colour Index
6. ****: Light fractions from distillation
7. *****: Concentration value of Disodium tetraborate, anhydrous and Tetraboron disodium heptaoxide, hydrate is evaluated by Disodium tetraborate, with no consider of the hydrate.
8. ①: In view of the substances are established as UVCB substances (substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances.
9. ②: In view of the substance contain variable substances, the test results are calculated based on main constituents of the representative compounds for the substances, and the test results of the representative compounds are calculated based on the result of specified heavy metal elements.
10. ③: Concentration value of Boric acid; Disodium tetraborate, anhydrous; Tetraboron disodium heptaoxide, hydrate; Diboron trioxide are calculated by the conversion from the test results of certain elements and confirmed by appropriate solvent extraction, meanwhile the book of materials is suggested to be checked for further confirmation.

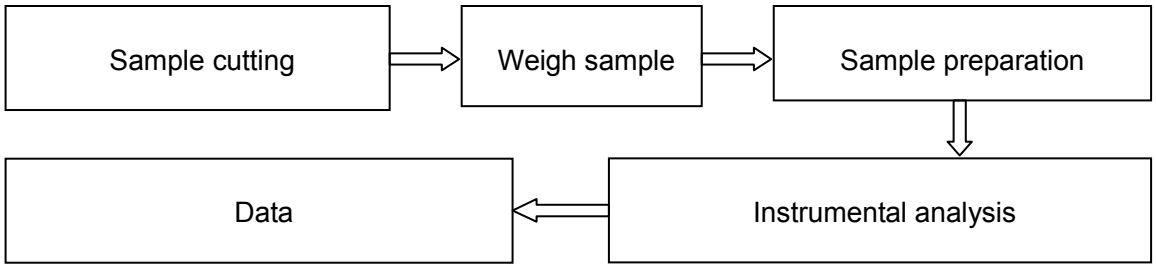
Appendix:

1. Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0.1 % weight by weight (w/w) has the duty to communicate information in accordance with Article 33 of European Union regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
   1）Any supplier shall provide the recipient of the article with sufficient information to allow safe use of the article including, as a minimum, the name of that substance.
   2）On request by a consumer any supplier shall provide the consumer with sufficient information to allow safe use of the article including, as a minimum, the name of that substance within 45 days of receipt of the request, free of charge.

2. The supplier of a substance that is included in the Candidate List on their own shall provide the recipient of the substance with a safety data sheet for free compiled in accordance with Article 3 and Annex II of REACH.

3. The supplier of a mixture containing a substance that is included in the Candidate List shall exchange information in accordance with Article 31, Article 32, and Annex II of REACH.
   1) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation meets the criteria for classification as dangerous in accordance with Directives 1999/45/EC.
   2) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC, but contains any substance that is included in the Candidate List in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures or ≥ 0.2 % by volume for gaseous mixtures.

Test Process



Photo(s) of the sample(s)



*** End of Report ***

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