REACH TEST REPORT

Product.....:	**U-hook**
Model.....:	N/A
Trademark.....:	easee
Prepared For.....:	**TIANHONG INTERNATIONAL INDUSTRY LIMITED.** No.31 Daning Jianshe Road, Humen Town, Dongguan City, Guangdong Province 523930, China.
Prepared By .....:	**Guangdong Zhonghan Testing Technology Co., Ltd.** Room 104, Building 1, Yibaolai Industrial Park, Qiaotou Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China Mail:admin@zht-lab.com Web: http://www.zht-lab.com Tel.:0755-27782934

TEST REPORT
REGULATION CONCERNING THE REGISTRATION, EVALUATION，AUTHORIZATION AND RESTRICTION OF CHEMICALS

Report Number.....:	ZHT-220629002R
Date of issue.....:	Jun. 30, 2022
Total number of pages.....:	19 pages
Testing Laboratory.....:	**Guangdong Zhonghan Testing Technology Co., Ltd.**
Address.....:	Room 104, Building 1, Yibaolai Industrial Park, Qiaotou Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Applicant's name.....:	**TIANHONG INTERNATIONAL INDUSTRY LIMITED.**
Address.....:	No.31 Daning Jianshe Road, Humen Town, Dongguan City, Guangdong Province 523930, China.
Test specification:	
Test Requested.....:	1.As specified by client, SVHC screening is performed according to: two hundred and twenty-four (224) Substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemical Agency (ECHA) on and before Jun 10, 2022 published by European Chemical Agency (ECHA) regarding regulation (EC) No.1907/2006 concerning the REACH. According to the specified scope and analytical techniques, concentrations of SVHC(224 SVHC) are less than 0.1%(w/w) in the sample.
Test Method.....:	In-house method, determined by GC/MS, LC/MS/MS, ICP-OES, UV-Vis, HPLC and IC
Test Result.....:	Please refer to the following page(s)

Test item description.....:	U-hook
Trademark.....:	easee
Manufacturer.....:	TIANHONG INTERNATIONAL INDUSTRY LIMITED. No.31 Daning Jianshe Road, Humen Town, Dongguan City, Guangdong Province 523930, China.
Model/Type reference.....:	N/A

Name and address of the testing laboratory:

Guangdong Zhonghan Testing Technology Co., Ltd.
Room 104, Building 1, Yibaolai Industrial Park,
Qiaotou Community, Fuhai Street, Bao'an
District, Shenzhen, Guangdong, China

Date of Test.....: Jun. 27, 2022 -Jun. 30, 2022

Tested by (name + signature).....: Jimmy Chen

Reviewed by (name + signature).....: Laney Xie

Approved by (name + signature).....: Levi Lee

Test Portions:

(A) Mixture of metal parts

No.	Substance Name(s)	CAS No.	Result（%）	RL（%）
			A	
1	Anthracene	120-12-7	N.D.	0.05
2	4,4’-Diaminodiphenylmenthane	101-77-9	N.D.	0.05
3	Dibuty1 phthalate (DBP)	84-74-2	N.D.	0.05
4	5-tert-buty1-2,4,6-trinitro-m-Xylene(musk xylene)	81-15-2	N.D.	0.05
5	Bis(2-ethyl(phthalate)(DEHP)	117-81-7	N.D.	0.005
6	Hexabromocyclododecane (HBCDD)	25637-99-4 3194-55-6 (134237-51-7, 34237-50-6, 134237-52-8)	N.D.	0.05
7	Alkanes,C10-13,chloro(Short Chain Chlorinated Paraffins)	85535-84-8	N.D.	0.05
8	Benzyl butyl phthalate (BBP)	85-68-7	N.D.	0.05
9	Bis(tributyltin)oxide	56-35-9	N.D.	0.05
10	Cobalt dichloride	7646-79-9	N.D.	0.005
11	Diarsenic pentaoxide	1303-28-2	N.D.	0.005
12	Diarsenic trioxide	1327-53-3	N.D.	0.005
13	Triethyl arsenate	15606-95-8	N.D.	0.05
14	Lead hydrogen arsenate	7784-40-9	N.D.	0.005
15	Sodium dichromate, dihydrate	10588-01-9	N.D.	0.005
16	Anthracene oil	90640-80-5	N.D.	0.05
17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	N.D.	0.05
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	N.D.	0.05
19	Anthracene oil, anthracene-low	90640-82-7	N.D.	0.05
20	Anthracene oil, anthracene paste	90640-81-6	N.D.	0.05
21	Diisobutyl phthalate	84-69-5	N.D.	0.05
22	2,4-Dinitrotoluene	121-14-2	N.D.	0.05
23	coal tar pitch,high temperature	65996-93-2	N.D.	0.05
24	tris(2-chloroethyl)phosphate	115-96-8	N.D.	0.05
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	N.D.	0.005
26	Lead chromate molybdate sulfate	12656-85-8	N.D.	0.005

No.	Substance Name(s)	CAS No.	Result（%）	RL（%）
			A	
	red (C.I. Pigment Red 104)			
27	Lead chromate	7758-97-6	N.D.	0.005
28	Acrylamide	79-06-1	N.D.	0.05
29	Trichloroethylene	79-01-6	N.D.	0.05
30	Boric acid	11113-50-1	N.D.	0.005
31	Disodium tetraborate, anhydrou	12179-04-3	N.D.	0.005
32	tetraboron disodium heptaoxide hydrate	12267-73-1	N.D.	0.005
33	Sodium chromate	7775-11-3	N.D.	0.005
34	Potassium chromate	7789-00-6	N.D.	0.005
35	Ammonium dichromate	7789-09-5	N.D.	0.005
36	Potassium dichromate	7778-50-9	N.D.	0.005
37	Cobalt sulfate	10124-43-3	N.D.	0.005
38	Cobalt dinitrat	10141-05-6	N.D.	0.005
39	Cobalt carbonate	513-79-1	N.D.	0.005
40	Cobalt diacetate	71-48-7	N.D.	0.005
41	2-Methoxyethanol	109-86-4	N.D.	0.05
42	2-Ethoxyethanol	110-80-5	N.D.	0.05
43	Chromium trioxide	1333-82-0	N.D.	0.005
44	Chromic acid	7738-94-5	N.D.	0.005
	Dichromic acid	13530-68-2	N.D.	0.005
	Oligomers of chromicacid and dichromic acid	--	N.D.	0.005
45	2- ethoxyethyl acetate	111-15-9	N.D.	0.05
46	strontium chromate	7789-06-2	N.D.	0.05
47	1,2-Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters	68515-42-4	N.D.	0.05
48	Hydrazine	7803-57-8 302-01-2	N.D.	0.05
49	1-Methyl-2-pyrrolidinone	872-50-4	N.D.	0.05
50	1,2,3-trichloropropane	96-18-4	N.D.	0.05
51	1,2-Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters,C7-rich	71888-89-6	N.D.	0.05
52	Zirconia Aluminosilicate Refractory Ceramic Fibres	--	N.D.	0.05

No.	Substance Name(s)	CAS No.	Result（%）	RL（%）
			A	
53	Calcium arsenate	7778-44-1	N.D.	0.005
54	Bis(2-methoxyethyl) ether	111-96-6	N.D.	0.05
55	Aluminosilicate Refractory Ceramic Fibres	--	N.D.	0.005
56	Chromate, hydroxyoctaoxodizincatedi-, potassium	11103-86-9	N.D.	0.005
57	Lead dipicrate	6477-64-1	N.D.	0.005
58	N,N-dimethylacetamide	127-19-5	N.D.	0.05
59	Arsenic acid	7778-39-4	N.D.	0.005
60	2-Methoxyaniline; o-Anisidine	90-04-0	N.D.	0.05
61	Trilead diarsenate	3687-31-8	N.D.	0.005
62	1,2-dichloroethane	107-06-2	N.D.	0.05
63	Pentazinc chromate octahydroxide	49663-84-5	N.D.	0.005
64	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	N.D.	0.05
65	Formaldehyde, oligomeric reaction products aniline	25214-70-4	N.D.	0.05
66	Bis(2-methoxyethyl) phthalate	117-82-8	N.D.	0.05
67	Lead diazide, Lead azide	13424-46-9	N.D.	0.005
68	Lead styphnate	15245-44-0	N.D.	0.005
69	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	N.D.	0.05
70	Phenolphthalein	77-09-8	N.D.	0.05
71	Dichromium tris(chromate)	24613-89-6	N.D.	0.005
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	N.D.	0.05
73	1,2-dimethoxyethane;ethylene glycol dimethyl ether (EGDME)	110-71-4	N.D.	0.05
74	Diboron trioxide	1303-86-2	N.D.	0.05
75	Formamide	75-12-7	N.D.	0.05
76	Lead(II)bis(methanesulfonate)	17570-76-2	N.D.	0.005
77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	N.D.	0.05
78	β-TGIC(1,3,5-tris[(2Sand2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	N.D.	0.05
79	4,4'-bis(dimethylamino)	90-94-8	N.D.	0.05

No.	Substance Name(s)	CAS No.	Result（%）	RL（%）
			A	
	benzophenone(Michler's ketone)			
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	N.D.	0.05
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	N.D.	0.05
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	N.D.	0.05
83	α，α -Bis[4-(dimethylamino)phenyl] -4 (phenylamino)naphthalene -1-methanol (C.I. Solvent Blue 4)	6786-83-0	N.D.	0.05
84	4,4'-bis(dimethylamino)-4"-(methylamino)trityl alcohol	561-41-1	N.D.	0.05
85	3-ethyl-2-methyl-2-(3-methylbutyl) -1,3-oxazolidine	143860-04-2	N.D.	0.05
86	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	N.D.	0.05
87	N-methylacetamide	79-16-3	N.D.	0.05
88	Pentalead tetraoxide sulphate	12065-90-6	N.D.	0.005
89	Biphenyl-4-ylamine	202-177-1	N.D.	0.05
90	Dinoseb	88-85-7	N.D.	0.05
91	Dioxobis(stearato)trilead	12578-12-0	N.D.	0.005
92	Lead dinitrate	10099-74-8	N.D.	0.005
93	Tetralead trioxide sulphate	12202-17-4	N.D.	0.005
94	Lead oxide (lead monoxide)	1317-36-8	N.D.	0.005
95	Lead titanium trioxide	12060-00-3	N.D.	0.005
96	4,4'-methylenedi-o-toluidine	838-88-0	N.D.	0.05
97	Acetic acid, lead salt, basic	51404-69-4	N.D.	0.005
98	Dimethyl sulphate	77-78-1	N.D.	0.05
99	Furan	110-00-9	N.D.	0.05
100	Pyrochlore, antimony lead yellow	8012-00-8	N.D.	0.05
101	Tetraethyllead	78-00-2	N.D.	0.005

No.	Substance Name(s)	CAS No.	Result（%）	RL（%）
			A	
102	[Phthalato(2-)]dioxotrilead	69011-06-9	N.D.	0.005
103	Diethyl sulphate	64-67-5	N.D.	0.05
104	Lead cynamidate	20837-86-9	N.D.	0.005
105	Silicic acid, barium salt, lead-doped	68784-75-8	N.D.	0.005
106	Trilead dioxide phosphonate	12141-20-7	N.D.	0.005
107	o-Toluidine; 2-Aminotoluene	95-53-4	N.D.	0.05
108	o-aminoazotoluene	97-56-3	N.D.	0.05
109	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-03	N.D.	0.05
110	6-methoxy-m-toluidine (p-cresidine)	120-71-8	N.D.	0.05
111	Dibutyltin dichloride (DBT)	683-18-1	N.D.	0.005
112	Lead Titanium Zirconium Oxide	12626-81-2	N.D.	0.005
113	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	N.D.	0.05
114	1-bromopropane	106-94-5	N.D.	0.05
115	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	N.D.	0.005
116	Fatty acids, C16-18, lead salts	91031-62-8	N.D.	0.005
117	Lead tetroxide (orange lead)	1314-41-6	N.D.	0.005
118	Sulfurous acid, lead salt, dibasic	62229-08-7	N.D.	0.005
119	4,4'-oxydianiline and its salts	101-80-4	N.D.	0.05
120	lead oxide sulphate	12036-76-9	N.D.	0.05
121	Lead bis(tetrafluoroborate)	13814-96-6	N.D.	0.005
122	Silicic acid, lead salt	11120-22-2	N.D.	0.005
123	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	N.D.	0.05
124	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.	0.05

No.	Substance Name(s)	CAS No.	Result（%）	RL（%）
			A	
125	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	N.D.	0.05
126	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	--	N.D.	0.05
127	1,2-Diethoxyethane	629-14-1	N.D.	0.05
128	Hexahydromethylphathalic anhydride Hexahydro-4-methylphathalic anhydride Hexahydro-1-methylphathalic anhydride Hexahydro-3-methylphathalic anhydride	25550-51-0 19438-60-9 48122-14-1 57110-29-9	N.D.	0.05
129	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7	N.D.	0.05
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	N.D.	0.05
131	N-pentyl-isopentylphtalate	--	N.D.	0.05
132	Heptacosafluorotetradecanoic acid	376-06-7	N.D.	0.05
133	Pentacosafluorotridecanoic acid	72629-94-8	N.D.	0.05
134	Henicosafluoroundecanoic acid	2058-94-8	N.D.	0.05
135	Tricosafluorododecanoic acid	307-55-1	N.D.	0.05
136	Methoxy acetic acid	625-45-6	N.D.	0.05
137	Diisopentylphthalate	605-50-5	N.D.	0.05
138	N,N-dimethylformamide; dimethyl formamide	68-12-2	N.D.	0.05
139	Cadmium	7440-43-9	N.D.	0.05
140	Cadmium oxide	1306-19-0	N.D.	0.05
141	Dipentyl phthalate (DPP)	131-18-0	N.D.	0.05
142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl	--	N.D.	0.05

No.	Substance Name(s)	CAS No.	Result（%）	RL（%）
			A	
	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]			
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	N.D.	0.05
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	N.D.	0.05
145	Cadmium Sulfide	1306-23-6	N.D.	0.05
146	Di-N-Hexyl Phthalate	84-75-3	N.D.	0.05
147	Direct Red 28	573-58-0	N.D.	0.05
148	Direct Black 38	1937-37-7	N.D.	0.05
149	Ethlenethiourea	96-45-7	N.D.	0.05
150	Acetic Acid	301-04-2	N.D.	0.05
151	Trixylyl Phosphate	25155-23-1	N.D.	0.05
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4.	N.D.	0.05
153	Cadmium chloride	10108-64-2.	N.D.	0.05
154	Sodium perborate; perboric acid, sodium salt	--	N.D.	0.05
155	Sodium peroxometaborate	7632-4-4	N.D.	0.05
156	2-benzotriazol-2-yl-4,6-di-tert-butyl phenol (UV-320)	3846-71-7	N.D.	0.05
157	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	N.D.	0.05
158	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-stannatetradecanoat	--	N.D.	0.05

No.	Substance Name(s)	CAS No.	Result（%）	RL（%）
			A	
	e (reaction mass of DOTE and MOTE)			
159	2-(2H-benzotriazol-2-yl)-4,6-ditert pentylphenol (UV-328)	25973-55-1	N.D.	0.05
160	Cadmium fluoride	7790-79-6	N.D.	0.05
161	Cadmium sulphate	10124-36-4, 31119-53-6	N.D.	0.05
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	68515-51-5 68648-93-1	N.D.	0.05
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]	--	N.D.	0.05
164	1,3-propanesultone	1120-71-4	N.D.	0.05
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol	3864-99-1	N.D.	0.05
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	36437-37-3	N.D.	0.05
167	Nitrobenzene	98-95-3	N.D.	0.05
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	N.D.	0.05
169	Benzo[a]pyrene	50-32-8	N.D.	0.01
170	4,4’-isopropylidenediphenol (bisphenol A)	80-05-7	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	--	N.D.	0.01

No.	Substance Name(s)	CAS No.	Result（%） A	RL（%）
	isomers or a combination thereof]			
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	N.D.	0.01
173	p-(1,1-dimethylpropyl)phenol	80-46-6	N.D.	0.01
174	Perfluorohexane-1-sulphonic acid and its salts	--	N.D.	0.01
175	Benz[a]anthracene	56-55-3, 1718-53-2	N.D.	0.01
176	Cadmium carbonate	513-78-0	N.D.	0.01
177	Cadmium hydroxide	21041-95-2	N.D.	0.01
178	Cadmium nitrate	10022-68-1, 10325-94-7	N.D.	0.01
179	Chrysene	218-01-9, 1719-03-5	N.D.	0.01
180	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	--	N.D.	0.01
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 (4-HPbl)	--	N.D.	0.01
182	Octamethylcyclotetrasiloxane D4	556-67-2	N.D.	0.05
183	Decamethylcyclopentasiloxane D5	541-02-6	N.D.	0.05
184	Dodecamethylcyclohexasiloxane D6	540-97-6	N.D.	0.05
185	Lead	7439-92-1	N.D.	0.005
186	Disodium octaborate	12008-41-2	N.D.	0.05
187	Benzo[ghi]perylene	191-24-2	N.D.	0.05
188	Terphenyl, hydrogenated	61788-32-7	N.D.	0.05
189	Ethylenediamine EDA	107-15-3	N.D.	0.05
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	552-30-7	N.D.	0.05

No.	Substance Name(s)	CAS No.	Result（%）	RL（%）
			A	
191	Dicyclohexyl phthalate DCHP	84-61-7	N.D.	0.05
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	N.D.	0.05
193	Benzo[k]fluoranthene	207-08-9	N.D.	0.05
194	Fluoranthene	206-44-0	N.D.	0.05
195	Phenanthrene	85-01-8	N.D.	0.05
196	Pyrene	129-00-0	N.D.	0.05
197	Undecafluorohexanoic acid and its ammonium salt	307-24-4 21615-47-4	N.D.	0.05
198	2,2,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acryl halides (covering any of their individual isomers and combinations thereof)	-	N.D.	0.05
199	2-methoxyethyl acetate	203-772-9/110-49-6	N.D.	0.05
200	4-tert-butylphenol	202-679-0/98-54-4	N.D.	0.05
201	Tris(4-nonylphenyl, branched and linear) phosphite(TNPP)with≥ 0.1% w/w of 4-nonylphenyl, branched and linear(4-NP)	-	N.D.	0.05
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	N.D.	0.05
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	N.D.	0.05
204	Diisohexyl phthalate	71850-09-4	N.D.	0.05
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	N.D.	0.05
206	1-Vinylimidazole	1072-63-5	N.D.	0.05
207	2-methylimidazole	693-98-1	N.D.	0.05
208	Butyl 4-hydroxybenzoate	94-26-8	N.D.	0.05
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	N.D.	0.05
210	bis(2-(2-methoxyethoxy)ethyl) ether	14324-8	N.D.	0.05
211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein	/	N.D.	0.05

No.	Substance Name(s)	CAS No.	Result（%）	RL（%）
			A	
	C12 is the predominant carbon number of the fatty acyloxy moiety			
212	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	/	N.D.	0.05
213	Orthoboric acid, sodium salt	13840-56-7	N.D.	0.05
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	N.D.	0.05
215	Glutaral	111-30-8	N.D.	0.05
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)	/	N.D.	0.05
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)	/	N.D.	0.05
218	1,4-dioxane	123-91-1	N.D.	0.05
219	4,4'-(1-methylpropylidene)bisphenol	77-40-7	N.D.	0.05
220	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	N.A.	0.05
221	tris(2-methoxyethoxy)vinylsilane	1067-53-4	N.A.	0.05
222	(±)-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)	/	N.A.	0.05

No.	Substance Name(s)	CAS No.	Result（%）	RL（%）
			A	
223	S-(tricyclo(5.2.1.02,6)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	N.A.	0.05
224	N-(hydroxymethyl)acrylamide	924-42-5	N.A.	0.05

Note:
- RL: Report limit
- N.D.: Not detected (result is less than RL)
- N.A.: Not application for metal material
- *:Concentration value of the substance by the conversion from the test results of certain elements. Concentration
value of Bis(tributyltin)oxide(TBTO), 2-ethylhexyl 10-ethyl-4,4-dioctyl-7- oxo-8-oxa-3,5- dithia-4-stannatetradecanoate (DOTE), Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8- oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexy10-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) by the conversion from the test results ofcertain compounds (Tributyl Tins(TBT), Dioctyl Tins(DOT), Monooctyl Tins(MOT)).
- **: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).
- ***:C.I.: Colour Index
- ****:Light fractions from distillation
- *****:Concentration value of Disodium tetraborate, anhydrous and Tetraboron disodium heptaoxide, hydrate is evaluated by Disodium tetraborate, with no consider of the hydrate. Concentration value of Sodium perborate;perboric acid, sodium salt; Sodium peroxometaborate is evaluated by Sodium perborate, with no consider of the hydrate.
- ▲: Concentration value of Formaldehyde, oligomeric reaction products with aniline (technical MDA) by the conversion from the test results of certain compounds (2,4-Diaminodiphenylmethane, 4,4’-Diaminodiphenylmethane, 2,6-Diaminodiphenylmethane).
- 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.
- 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.
- ③ : Concentration value of Boric acid; Disodium tetraborate, anhydrous; Tetraboron disodium

heptaoxide, hydrate;
Diboron trioxide; Sodium perborate; perboric acid, sodium salt; Sodium peroxometaborate is 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

Remarks:

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 that 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.

APPENDIX II

SVHC based on Proposal for Identification of Substances of Very High Concern published for Commenting on Jul. 16, 2019

No.	Substance name	CAS No.	Detection Limit, %
1	2,2,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acryl halides (covering any of their individual isomers and combinations thereof)	-	0.05
2	2-methoxyethyl acetate	203-772-9/110-49-6	0.05
3	4-tert-butylphenol	202-679-0/98-54-4	0.05
4	Tris(4-nonylphenyl, branched and linear) phosphite(TNPP)with≥0.1% w/w of 4-nonylphenyl, branched and linear(4-NP)	-	0.05

Attachment : Photo document.

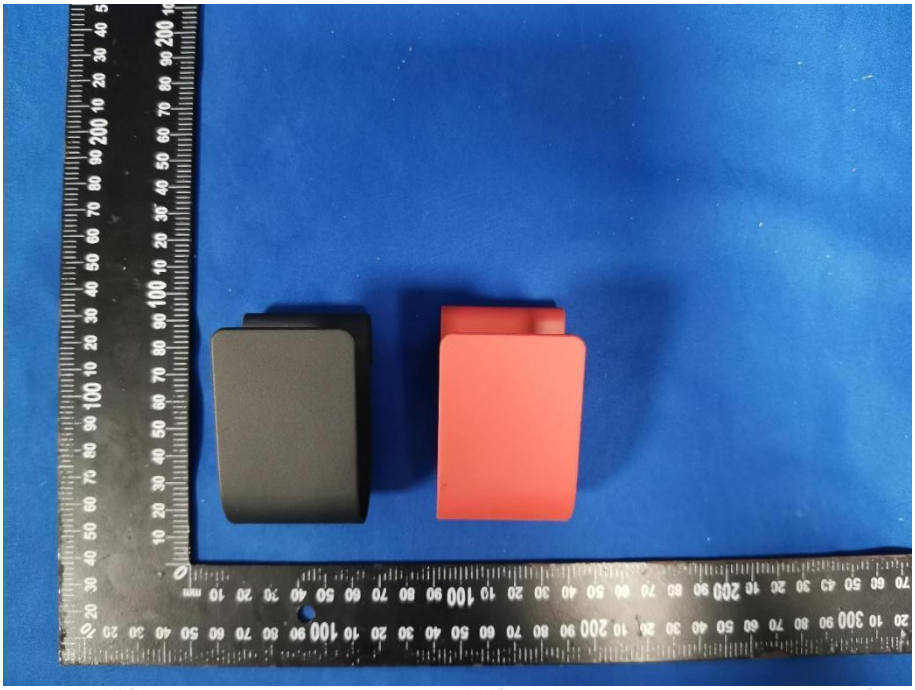

Photo 1

Photo 2

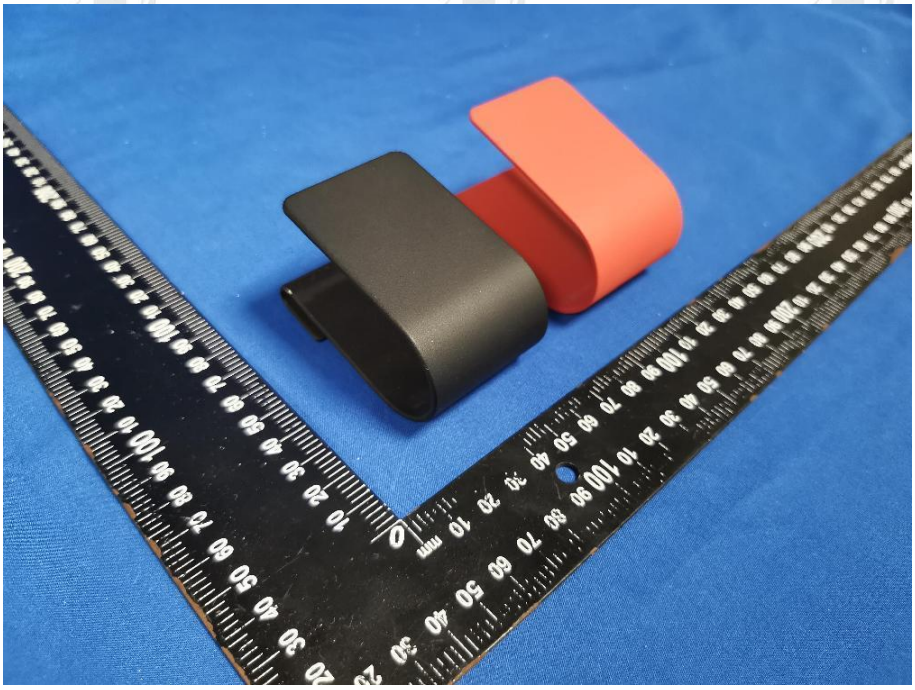

Photo 3

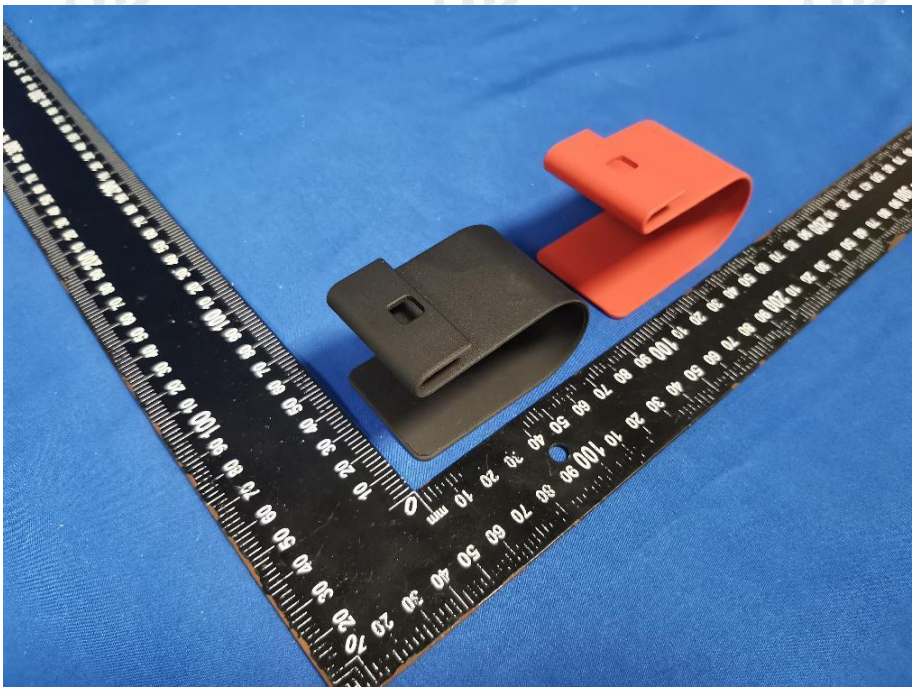

Photo 4

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