Y-S Electronic Co., Ltd.

Dongguan ShenDong Electronic Co., Ltd.

REACH-(SVHC) Declaration

Dear Valued Customers,

We hereby represent and warrant all products and components sold to your company for the 223 substances listed in the EU REACH (EC 1907/2006) Regulation Substances of Very High Concern (SVHC) and will be added for use. The quantities are detailed in the table below..

Code	Substance name	CAS No.	SVHC 物質含量	備注
1	Anthracene 蒽	120-12-7	＜1000ppm	
2	4,4-Diaminodiphenylmethane4,4' 二氨基二苯甲烷	101-77-9	＜1000ppm	
3	Dibutyl phthalate(DBP) 邻苯二甲酸二丁基酯	84-74-2	＜1000ppm	
4	Benzyl butyl phthalate(BBP) 邻苯二甲酸丁苄酯	85-68-7	＜1000ppm	
5	Cobalt dichloride 二氯化钴	7646-79-9	＜1000ppm	
6	Diarsenic pentaoxide 五氧化二砷	1303-28-2	＜1000ppm	
7	Diarsenic trioxide 三氧化二砷	1327-53-3	＜1000ppm	
8	Sodium dichromate,dihydrate 重铬酸纳二水化合物	7789-12-0 10588-01-9	＜1000ppm	
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 二甲苯麝香	81-15-2	＜1000ppm	
10	Bis (2-ethyl(hexyl)phthalate) (DEHP) 邻苯二甲酸二（2-乙基己）酯	117-81-7	＜1000ppm	
11	Hexabromocyclododecane (HBCDD) 六溴环十二烷	25637-99-4 3194-55-6	＜1000ppm	
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短链氯化石蜡	85535-84-8	＜1000ppm	
13	Bis(tributyltin)oxide(TPTO) 三丁基氧化锡	56-35-9	＜1000ppm	
14	Lead hydrogen arsenate 酸式砷酸鉛	7784-40-9	＜1000ppm	
15	Triethyl arsenate 三乙砷酸酯	15606-95-8	＜1000ppm	
16	Anthracene oil 蒽油	90640-80-5	＜1000ppm	
17	Anthracene oil, anthracene paste, distn. lights 蒽油, 蒽糊, 轻油	91995-17-4	＜1000ppm	

18	Anthracene oil, anthracene paste, anthracene fraction 蒽油, 蒽糊, 蒽馏分离液	91995-15-2	＜1000ppm	
19	Anthracene oil, anthracene-low 蒽油, 含蒽量少	90640-82-7	＜1000ppm	
20	Anthracene oil, anthracene paste 蒽油, 蒽糊	90640-81-6	＜1000ppm	
21	Coal tar pitch, high temparature 煤沥青, 高温	65996-93-2	＜1000ppm	
22	Aluminosilicate, Refractory Ceramic Fibers 硅酸铝, 陶瓷耐火纤维	142844-00-6	＜1000ppm	
23	Zirconia Aluminosilicate, Refractory Ceramic Fibers 硅酸铝氧化锆, 陶瓷耐火纤维			
24	2,4-Dinitrotoluene 2,4-二硝基甲苯	121-14-2	＜1000ppm	
25	Diisobutyl phthalate(DIBP) 邻苯二甲酸二异丁酯	84-69-5	＜1000ppm	
26	Lead chromate 铬酸铅	7758-97-6	＜1000ppm	
27	Lead chromate molybdate sulphate red(C.I. Pigment Red 104) 钼铬酸铅红（C.I.颜料红 104）	12656-85-8	＜1000ppm	
28	Lead sulfochromate yellow(C.I.Pigment Yellow 34) 铬酸铅黄（C.I.颜料黄 34）	1344-37-2	＜1000ppm	
29	Tris(2-chloroethyl)phosphate 磷酸三(2-氯乙基)酯	115-96-80	＜1000ppm	
30	丙烯酰胺* Acrylamide	79-06-1	＜1000ppm	
31	三氯乙烯 Trichloroethylene	79-01-6	＜1000ppm	
32	硼酸 Boric acid	10043-35-3 11113-50-1	＜1000ppm	
33	无水四硼酸钠 Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3	＜1000ppm	
34	七水合四硼酸钠 Tetraboron disodium heptaoxide,hydrate	12267-73-1	＜1000ppm	
35	铬酸钠 Sodium chromate	7775-11-03	＜1000ppm	
36	铬酸钾 Potassium chromate	7789-00-6	＜1000ppm	
37	重铬酸铵 Ammonium dichromate	7789-09-5	＜1000ppm	
38	重铬酸钾 Potassium dichromate	7778-50-9	＜1000ppm	
39	硫酸钴(II) Cobalt(II) sulphate	10124-43-3	＜1000ppm	
40	硝酸钴(II) Cobalt(II) dinitrate	10141-05-6	＜1000ppm	
41	碳酸钴(II) Cobalt(II) carbonate	513-79-1	＜1000ppm	

42	乙酸钴(II) Cobalt(II) diacetate	71-48-7	＜1000ppm	
43	2-甲氧基乙醇 2-Methoxyethanol	109-86-4	＜1000ppm	
44	2-乙氧基乙醇 2-Ethoxyethanol	110-80-5	＜1000ppm	
45	三氧化铬 Chromium trioxide	1333-82-0	＜1000ppm	
46	铬酸，重铬酸，铬酸及重铬酸低聚物 Chromic acid，Dichromic acid， Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2 -	＜1000ppm	
47	乙二醇乙醚醋酸酯 2-ethoxyethyl acetate	111-15-9	＜1000ppm	
48	铬酸锶 Strontium chromate	7789/6/2	＜1000ppm	
49	邻苯二甲酸二(C7-11 支链与直链)烷基酯 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	＜1000ppm	
50	联氨 Hydrazine	7803-57-8 302-01-2	＜1000ppm	
51	1-甲基-2-吡咯烷酮 1-methyl-2-pyrrolidone	872-50-4	＜1000ppm	
52	1,2,3-三氯丙烷 1,2,3-trichloropropane	96-18-4	＜1000ppm	
53	邻苯二甲酸二(C6-8 支链与直链)烷基酯，富 C7 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	＜1000ppm	
54	铬酸铬 Dichromiumtris(chromate)	24613-89-6	＜1000ppm	
55	氢氧化铬酸锌钾 Potassium hydroxyoctaoxodizi ncatedichromate	11103-86-9	＜1000ppm	
56	C.I．颜料黄 36 Pentazinc chromate octahydroxide	49663-84-5	＜1000ppm	
57	甲醛与苯胺的低聚物 Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	＜1000ppm	
58	邻苯二甲酸二甲氧基乙酯 Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	＜1000ppm	
59	邻甲氧基苯胺 2-Methoxyaniline; o-Anisidine	90-04-0	＜1000ppm	
60	对特辛基苯酚 4-(1,1,3,3-Tetramethylbutyl)phenol; 4-tert-Octyl phenol	140-66-9	＜1000ppm	
61	1,2-二氯乙烷 1,2-Dichloroethane	107-06-2	＜1000ppm	
62	二乙二醇二甲醚 Bis(2-methoxyethyl)	111-96-6	＜1000ppm	

	ether			
63	砷酸、原砷酸 Arsenic acid	7778-39-4	＜1000ppm	
64	砷酸钙 Calcium arsenate	7778-44-1	＜1000ppm	
65	砷酸铅 Trilead diarsenate	3687-31-8	＜1000ppm	
66	N,N-二甲基乙酰胺 N,N-dimethylacetamide(DMAC)	127-19-5	＜1000ppm	
67	4,4'-二氨基-3.3'二氯二苯甲烷 -2,2'-Dichloro-4,4'-methylenedianiline(MOCA)	101-14-4	＜1000ppm	
68	酚酞 Phenolphthalein	77-09-8	＜1000ppm	
69	叠氮化铅 Lead diazide,Leadazide	13424-46-9	＜1000ppm	
70	三硝基苯二酚铅 Lead styphnate	15245-44-0	＜1000ppm	
71	苦味酸铅 Lead dipicrate	6477-64-1	＜1000ppm	
72	三乙二醇二甲醚（TEGDME） 1,2-bis(2-methoxyethoxy)ethane	112-49-2	＜1000ppm	
73	乙二醇二甲醚（EGDME） 1,2-dimethoxyethane;ethylene glycol dimethyl ether	110-71-4	＜1000ppm	
74	三氧化二硼 Diboron trioxide	1303-86-2	＜1000ppm	
75	甲酰胺 Formamide	75-12-7	＜1000ppm	
76	甲基磺酸铅 Lead(ll)bis(methanesulfonate)*	17570-76-2	＜1000ppm	
77	N,N,N',N'-四甲基-4，4’ -二氨基二苯甲烷（米氏碱） N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	＜1000ppm	
78	1，3，5-三（环氧乙基甲基）-1，3，5-三嗪-2，4，6-(1H,3H,5H,)-三酮 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H,)-trione	2451-62-9	＜1000ppm	
79	C.I.溶剂蓝 4 C.l. Solvent Blue 4	6786-83-0	＜1000ppm	
80	1，3，5-三-[（2S 和 2R）-2，3-环氧丙基]-1，3，5-三嗪-（1H,2H,5H)-三酮（β-TGIC）1,3,5,-tris[(2S and 2R)-2,3-epoxypropy)]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione	59653-74-6	＜1000ppm	
81	4，4‘-二（二甲氨基)-4"-氨基三苯甲醇 4,4'-bis(dimethylamino)-4"-(methylamino) trityl alcohol	561-41-1	＜1000ppm	
82	4，4‘-二（二甲氨基)二苯甲酮（米氏酮）4,4'-bis(dimethylamino) benzopheone(Michler's Ketone)	90-94-8	＜1000ppm	
83	Cl.碱性紫 3Cl.Basic Violet 3	548-62-9	＜1000ppm	
84	Cl.碱性蓝 26C.l. Basic Blue 26	2580-56-5	＜1000ppm	
85	十溴二苯醚 Bis(pentabromophenyl)	1163-19-5	＜1000ppm	

	ether(DecaBDE)			
86	全氟十三烷酸 Pentacosafluorotridecanoic acid	72629-94-8	＜1000ppm	
87	全氟十二烷酸 Tricosafluorododecanoic acid	307-55-1	＜1000ppm	
88	全氟十一烷酸 Henicosafluoroundecanoic acid	2058-94-8	＜1000ppm	
89	全氟代十四酸 Heptacosafluorotetradecanoicacid	376-06-7	＜1000ppm	
90	偶氮二甲酰胺 C,C'-azodi(formamide))	123-77-3	＜1000ppm	
91	六氢邻苯二甲酸酐 Cyclohexane-1,2-dicarboxylic anhydride Cyclohexane-1,2-dicarboxylic anhydride [1] cis-cyclohexane-1,2-dicarboxylic anhydride [2] trans-cyclohexane-1,2-dicarboxyli c anhydride [3] [The individual cis- [2] and trans-[3]	85-42-7, 13149-00-3, 14166-21-3	＜1000ppm	
92	甲基六氢苯酐、4-甲基六氢苯酐、甲基六氢化邻苯二甲酸酐、3-甲基六氢苯二甲酯酐 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	＜1000ppm	
93	壬基（支鏈直鏈）苯酚 4-Nonylphenol, branched and linear	/	＜1000ppm	
94	对特辛基苯酚 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated-covering well-defined substances and UVCB substances, polymers and homologues	/	＜1000ppm	
95	甲氧基乙酸 Methoxy acetic acid	625-45-6	＜1000ppm	
96	N,N-二甲基甲酰胺 N,N-dimethylformamide; dimethyl formamide	68-12-2	＜1000ppm	
97	二丁基二氯化锡 Dibutyltin dichloride (DBT)	683-18-1	＜1000ppm	
98	一氧化铅 Lead oxide (lead monoxide)	1317-36-8	＜1000ppm	
99	四氧化三铅 Lead tetroxide (orange lead)	1314-41-6	＜1000ppm	
100	四氟硼酸铅 Lead bis(tetrafluoroborate)	13814-96-5	＜1000ppm	
101	碱式碳酸铅 Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	＜1000ppm	
102	钛酸铅 Lead titanium trioxide	12060-00-3	＜1000ppm	
103	钛酸铅锆 Lead Titanium Zirconium	12626-81-2	＜1000ppm	

	Oxide			
104	硅酸铅 Silicic acid, lead salt	11120-22-2	＜1000ppm	
105	掺雜鉛的硅酸钡 Silicic acid, barium salt,lead-doped	68784-75-8	＜1000ppm	
106	1-溴丙烷 1-bromopropane	106-94-5	＜1000ppm	
107	环氧丙烷 Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	＜1000ppm	
108	1，2-苯二酸-二（支链和直链）戊基酯 1,2-Benzenedicarboxylic acid,dipentylester, branched and linear	84777-06-0	＜1000ppm	
109	邻苯二甲酸二异戊酯 Diisopentylphthalate	605-50-5	＜1000ppm	
110	邻苯二甲酸正戊基异戊基酯 N-pentyl-isopentylphtalate	776297-69-9	＜1000ppm	
111	乙二醇二乙醚 1,2-Diethoxyethane	629-14-1	＜1000ppm	
112	碱式乙酸铅 Acetic acid, lead salt, basic	51404-69-4	＜1000ppm	
113	碱式硫酸铅 lead oxide sulphate	12036-76-9	＜1000ppm	
114	二盐基邻苯二甲酸铅 Dibasic lead phthalate(phthalate(2-dioxotrilead))	69011-06-9	＜1000ppm	
115	双(十八酸基)二氧代三铅 Dioxobis(stearato)trilead	12578-12-0	＜1000ppm	
116	C16-18-脂肪酸铅盐 Fatty acids, C16-18, lead salts	91031-62-8	＜1000ppm	
117	氨基氰铅盐 Lead cynamidate	20837-86-9	＜1000ppm	
118	硝酸铅 Lead dinitrate	10099-74-8	＜1000ppm	
119	氧化铅与硫酸铅的复合物 Pentalead tetraoxide sulphate	12065-90-6	＜1000ppm	
120	颜料黄 41 Pyrochlore, antimony lead yellow	8012-00-8	＜1000ppm	
121	二碱式亚硫酸铅(Ⅱ)Sulfurous acid, lead salt, dibasic	62229-08-7	＜1000ppm	
122	四乙基铅 Tetraethyllead	78-00-2	＜1000ppm	
123	三碱式硫酸铅 Tetralead trioxide sulphate	12202-17-4	＜1000ppm	
124	磷酸氧化铅 Trilead dioxide phosphonate	12141-20-7	＜1000ppm	
125	呋喃 Furan	110-00-9	＜1000ppm	
126	硫酸二乙酯 Diethyl sulphate	64-67-5	＜1000ppm	
127	硫酸二甲酯 Dimethyl sulphate	77-78-1	＜1000ppm	
128	3-乙基-2-甲基-2-(3-甲基丁基)恶唑烷 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	＜1000ppm	
129	地乐酚 Dinoseb	88-85-7	＜1000ppm	
130	4,4'-二氨基-3,3'-二甲基二苯甲烷 4,4'-methylenedi-o-toluidine	838-88-0	＜1000ppm	
131	4,4'-二氨基二苯醚 4,4'-oxydianiline and its salts	101-80-4	＜1000ppm	
132	4-氨基偶氮苯 4-Aminoazobenzene; 4-Phenylazoaniline	60-09-03	＜1000ppm	

133	2,4- 二氨基甲苯 4-methyl-m-phenylenediamine(2,4-toluene-diamine)	95-80-7	＜1000ppm	
134	2-甲氧基-5-甲基苯胺 6-methoxy-m-toluidine(p-cresidine)	120-71-8	＜1000ppm	
135	4-氨基联苯 Biphenyl-4-ylamine	92-67-1	＜1000ppm	
136	邻氨基偶氮甲苯 o-aminoazotoluene	97-56-3	＜1000ppm	
137	邻甲基苯胺 o-Toluidine; 2-Aminotoluene	95-53-4	＜1000ppm	
138	N-甲基乙酰胺 N-methylacetamide	79-16-3	＜1000ppm	
139	镉 Cadmium	7440-43-9	＜1000ppm	
140	氧化镉 Cadmium oxide	1306-19-0	＜1000ppm	
141	邻苯二甲酸二正戊酯 Dipentyl phthalate(DPP)	131-18-0	＜1000ppm	
142	十五代氟辛酸铵盐 Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	＜1000ppm	
143	全氟辛酸 Pentadecafluorooctanoic acid (PFOA)	335-67-1	＜1000ppm	
144	4-壬基(支链与直链)苯酚乙氧基醚 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]	/	＜1000ppm	
145	硫化镉 Cadmium sulphide	1306-23-6	＜1000ppm	
146	邻苯二甲酸二己酯 Dihexyl phthalate	84-75-3	＜1000ppm	
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	＜1000ppm	
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	＜1000ppm	
149	亞乙基硫脲 azolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	＜1000ppm	

150	醋酸鉛 Lead di(acetate)	301-04-2	＜1000ppm	
151	磷酸三（二甲苯）酯 Trixylyl phosphate	25155-23-1	＜1000ppm	
152	氯化镉 Cadmium chloride	10108-64-2	＜1000ppm	
153	邻苯二甲酸二己酯，支链和直链 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	＜1000ppm	
154	过硼酸钠 Sodium peroxometaborate	7632/4/4	＜1000ppm	
155	水合高硼酸钠盐类 Sodium perborate; perboric acid, sodium salt	-	＜1000ppm	
156	Cadmium fluoride 氟化鎘	7790-79-6	＜1000ppm	
157	Cadmium sulphate 硫酸鎘	10124-36-4, 31119-53-6	＜1000ppm	
158	2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320) 2-苯并三唑-2-錯基-4,6-二-三級-丁基苯酚(UV-320)	3846-71-7	＜1000ppm	
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) 2-(2H-苯并三唑-2-基)-4,6-二三級戊基苯酚(UV-328)	25973-55-1	＜1000ppm	
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) 10-乙基-4,4-二辛基-7-側氧-8-氧代-3,5-二硫代-4-錫代十四酸 2-乙基已酯(DOTE)	15571-58-1	＜1000ppm	
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) 10-乙基-4,4-二辛基-7-氧-8-氧代-3,5-二硫代-4-錫代十四酸 2-乙基已酯和 10-乙基-4-[[2-[(2-乙基已基)氧]-2-氧乙基]硫代]-4-辛基-7-氧-8-氧代-3,5-二硫代-4-錫代十四酸 2-乙基已酯的反應產物(DOTE 和 MOTE 的反應產物)	/	＜1000ppm	
162	2-苯二甲酸混合癸與已和辛二酯，包含≥0.3%的鄰苯二甲酸二己酯(DNHP，EC No. 201-559-5，CAS No. 84-75-3) 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	＜1000ppm	
		68648-93-1	＜1000ppm	
163	No. 201-559-5) 68515-51-5 271-094-0 68648-93-1 272-013-1 163. 包含以下	/	＜1000ppm	

	[1]與[2]之所有單獨立體異構物與其組成。[1] 5-二級丁基-2-(2,4-二甲基環己-3-烯-1-基)-5-甲基-1,3-二【口哼】【口柬】[2] 5-二級丁基-2-(4,6-二甲基環己-3-烯-1-基)-5-甲基-1,3-二 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]			
164	硝基苯 nitrobenzene	98-95-3	＜1000ppm	
165	UV-327 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	＜1000ppm	
166	UV-350 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	＜1000ppm	
167	1,3-丙烷磺内酯 1,3-propanesultone	1120-71-4	＜1000ppm	
168	全氟壬酸及其钠盐和氨盐. Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	＜1000ppm	
169	苯并[def]䓛（苯并 [a]芘） Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	＜1000ppm	
170	雙酚 A 4,4'-isopropylidenediphenol	80-05-7	＜1000ppm	
171	支鏈與直鏈 4-庚基苯酚烷基直鏈及/或支鏈以 7 個碳共價於酚的對位，含蓋所有由單一或多種異構物組合的明確定義物質及 UVCB 物質 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	-	＜1000ppm	
172	全氟癸酸，及其鈉與銨鹽全氟癸酸銨 全氟癸酸鈉 Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Ammonium nonadecafluorodecanoate Decanoic acid, nonadecafluoro-, sodium salt	335-76-2 3108-42-7 3830-45-3	＜1000ppm	
173	對-(1,1-二甲基丙基)苯酚 p-(1,1-dimethylpropyl)phenol	80-46-6	＜1000ppm	
174	全氟己基磺酸及其鹽類 Perfluorohexane-1-sulphonic acid and its salts	-	＜1000ppm	

175	德克隆[包括其所有反式和顺式异构体及其组合]DechloranePlus(TM)andreaction productsof1,3,4-thiadiazolidine-2,5-dithione	13560--89-9; 135821-74-8; 135821-03-3 etc	＜1000ppm	
176	苯并[a] 蒽 benz[a]anthracene	56-55-3	＜1000ppm	
177	硝酸镉 cadmiumnitrate	10325-94-7	＜1000ppm	
178	碳酸镉 cadmiumcarbonate	513-78-0	＜1000ppm	
179	氢氧化镉 cadmiumhydroxide	21041-95-2	＜1000ppm	
180	屈 chrysene	218-01-9	＜1000ppm	
181	1,3,4-噻二唑烷-2,5-二硫酮，甲醛和 4-庚基苯酚的支鏈和直鏈(RP-HP)的反應產物[4-庚基苯酚支鏈和直鏈含量≧0.1%w/w]formaldehydeand4-heptylphenol,branchedandlinear(RP-HP)[with≥0.1% w/w4-heptylphenol,branchedandlinear]	-	＜1000ppm	
182	苯-1,2,4-三羧酸 1,2-酐（偏苯三酸酐）（TMA）Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	552-30-7	＜1000ppm	
183	苯并[GHI] 聚二甲苯 Benzo[ghi]perylene	191-24-2	＜1000ppm	
184	十甲基环五硅氧烷（D5）Decamethylcyclopentasiloxane（D5）	541-02-6	＜1000ppm	
185	邻苯二甲酸二环己酯(DCHP) Dicyclohexyl phthalate DCHP	84-61-7	＜1000ppm	
186	氧化硼钠 Disodium octaborate	12008-41-2	＜1000ppm	
187	十二甲基环六硅氧烷（D6）Dodecamethylcyclohexasiloxane D6	540-97-6	＜1000ppm	
188	乙二胺（EDA）Ethylenediamine EDA	107-15-3	＜1000ppm	
189	鉛 Lead	7439-92-1	＜1000ppm	Except for the following: 1. Copper alloy parts <4% 2. Steel alloy parts <0.35% 3. Aluminum alloy parts <0.4%
190	八甲基环四硅氧烷（D4）Octamethylcyclotetrasiloxane D4	556-67-2	＜1000ppm	
191	氢化三联苯 Terphenyl, hydrogenated	61788-32-7	＜1000ppm	
192	1,7,7-三甲基-3-(苯基亚甲基)双环	15087-24-8	＜1000ppm	

	[2.2.1]庚-2-酮 (3-亚苄基樟脑) 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC)			
193	4,4'-(1,3-二甲基丁基)二苯酚 2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	＜1000ppm	
194	苯并[k]荧蒽 Benzo[k]fluoranthene	207-08-9	＜1000ppm	
195	荧蒽 Fluoranthene	206-44-0, 93951-69-0	＜1000ppm	
196	菲 Phenanthrene	85-01-8	＜1000ppm	
197	芘 Pyrene	129-00-0, 1718-52-1	＜1000ppm	
198	2,3,3,3-四氟-2-(七氟丙氧基)丙酸及其盐和酰基卤化物(包括单体和组合) 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof	-	＜1000ppm	
199	2-甲氧基乙基乙酸酯 2-methoxyethyl acetate	110-49-6	＜1000ppm	
200	4-叔丁基苯酚 4-tert-butylphenol	98-54-4	＜1000ppm	
201	三(4-壬基苯基，支链和直链)亚磷酸酯(TNPP)(含≥0.1%的支链和直链 4-壬基苯酚) Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	＜1000ppm	
202	全氟丁烷磺酸（PFBS）及其盐 Perfluorobutane sulfonic acid (PFBS) and its salts	-	＜1000ppm	
203	邻苯二甲酸二异己酯 Diisohexyl phthalate	71850-09-4	＜1000ppm	
204	2-甲基-1-(4-甲硫基苯基)-2-吗啉基-1-丙酮 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	＜1000ppm	
205	2-苄基-2-二甲基氨基-4'-吗啉基苯基丁酮 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	＜1000ppm	
206	1-乙烯基咪唑 1-vinylimidazole	1072-63-5	＜1000ppm	
207	2-甲基咪唑 2-methylimidazole	693-98-1	＜1000ppm	
208	双(乙酰丙酮基)二丁基锡 Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	＜1000ppm	

209	对羟基苯甲酸丁酯 Butyl 4-hydroxybenzoate	94-26-8	＜1000ppm	
210	双(2-(2-甲氧基乙氧基)乙基)醚（四乙二醇二甲醚） bis(2-(2-methoxyethoxy)ethyl) ether	205-594-7	＜1000ppm	
211	二月桂酸二辛基锡，锡烷，二辛基-，双(椰油酰氧基)衍生物，以及任何其他锡烷，二辛基-，双(脂肪酰氧基)衍生物。其中 C12 为脂肪酰氧基部分的主要碳原子数 Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	/	＜1000ppm	
212	2-(4-叔丁基苄基)丙醛及其立体异构体 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	/	＜1000ppm	
213	原硼酸钠盐 Orthoboric acid, sodium salt	237-560-2	＜1000ppm	
214	2,2-双(溴甲基)丙烷 1,3-二醇 (BMP) 2,2-bis(bromomethyl)propane 1,3-diol 2,2-二甲基丙烷-1-醇,三溴衍生物/3-溴-2,2-双(溴甲基)-1-丙醇 (TBNPA) 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol 2,3-二溴-1-丙醇(2,3-DBPA) 2,3-dibromo-1-propanol	221-967-7; 253-057-0; 202-480-9	＜1000ppm	
215	戊二醛 Glutaral	203-856-5	＜1000ppm	
216	中链氯化石蜡(MCCP)[由大于等于80%的碳链长度在 14 至 17 范围内的直链氯代烷烃组成的 UVCB 物质]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	-	＜1000ppm	

217	来自低聚反应的 C12 富集的支链或直链的苯酚烷基化合物(主要为对位)及其异构体或组合(PDDP)Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof	-	＜1000ppm	
218	1-4 二恶烷 1,4-dioxane	204-661-8	＜1000ppm	
219	4,4' -(1-甲基亚丙基)双酚 4,4'-(1-methylpropylidene)bisphenol	201-025-1	＜1000ppm	
220	2,2'-亚甲基双(4-甲基-6-叔丁基苯)(DBMC) 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	＜1000ppm	
221	乙烯基-三(2-甲氧基乙氧基)硅烷 tris(2-methoxyethoxy)vinylsilane	1067-53-4	＜1000ppm	
222	(±)-1,7,7-三甲基-3-[(4-甲基苯基)亚甲基]二环[2.2.1]庚-2-酮，包括各个异构体和/或其组合 (4-MBC) (±)-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	-	＜1000ppm	
223	S-(三环[5.2.1.0'2,6]癸-3-烯-8(或 9)-基) O-(异丙基或异丁基或 2-乙基己基) O-(异丙基或异丁基或 2-乙基己基)二硫代磷酸酯 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	＜1000ppm	

Name of the undersigned: Jason Lee

Title: Quality Manager

Date: 2022/01/19

Signature: