

REACH 物质声明书

REACH Compliance Declaration

杭州士兰微电子股份有限公司承诺提供的产品符合欧盟 REACH 法规，REACH

251 项高关注物质清单如下：

We hereby declare and guarantee that all products have been designed and manufactured in compliance with the EU REACH(Registration, Evaluation, Authorization and Restriction of Chemicals).

Containing of 251 REACH SVHC are listed:

Substance identification			Content (ppm)
NO.	Substance name	CAS number	
1	蒽 Anthracene	120-12-7	<1000
2	4,4'- 二氨基二苯甲烷 4,4'-Diaminodiphenylmethane (MDA)	101-77-9	<1000
3	邻苯二甲酸二丁酯 Dibutyl phthalate (DBP)	84-74-2	<1000
4	二氯化钴 Cobalt dichloride	7646-79-9	<1000
5	五氧化二砷 Diarsenic pentaoxide	1303-28-2	<1000
6	三氧化二砷 Diarsenic trioxide	1327-53-3	<1000
7	重铬酸钠二水合物 Sodium dichromate, dehydrate	10588-01-9	<1000
8	二甲苯麝香 5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	81-15-2	<1000
9	邻苯二甲酸二(2-乙基己)酯 Bis(2-ethyl(hexyl)phthalate)(DEHP)	117-81-7	<1000
10	六溴环十二烷(HBCDD)Hexabromocyclododecane	25637-99-4	<1000
11	C10-13 氯代烃(短链氯化石蜡)Alkanes,C10-13,chloro(Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	<1000
12	三丁基氧化锡 Bis(tributyltin)oxide (TBTO)	56-35-9	<1000
13	酸式砷酸铅 Lead hydrogen arsenate	7784-40-9	<1000
14	三乙基砷酸酯 Triethyl arsenate	15606-95-8	<1000
15	邻苯二甲酸丁苄酯 Benzyl butyl phthalate	85-68-7	<1000
16	蒽油 Anthracene oil	90640-80-5	<1000
17	蒽油，蒽糊，轻油 Anthracene oil, anthracene paste, distn. lights	91995-17-4	<1000

18	蒽油, 蒽糊, 蒽馏分 Anthracene oil, anthracene paste,anthracene fraction	91995-15-2	<1000
19	蒽油, 含蒽量少 Anthracene oil, anthracene-low	90640-82-7	<1000
20	蒽油, 蒽糊 Anthracene oil, anthracene Paste	90640-81-6	<1000
21	沥青, 煤焦油, 高温 Pitch, coal tar, high temp	65996-93-2	<1000
22	2,4-二硝基甲苯 2,4-Dinitrotoluene	121-14-2	<1000
23	邻苯二甲酸二异丁酯 Diisobutyl phthalate (DIBP)	84-69-5	<1000
24	铬酸铅 Lead chromate	7758-97-6	<1000
25	钼铬红(C.I.颜料红 104) C.I. Pigment Red 104	12656-85-8	<1000
26	铅铬黄(C.I.颜料黄 34) C.I. Pigment Yellow 34	1344-37-2	<1000
27	磷酸三(2-氯乙基)酯 Tris(2-chloroethyl)phosphate(TCEP)	115-96-8	<1000
28	丙烯酰胺 Acrylamide	79-06-1	<1000
29	三氯乙烯 Trichloroethylene	79-01-6	<1000
30	硼酸 Boric acid	10043-35-3 11113-50-1	<1000
31	无水四硼酸钠 Disodium tetraborate anhydrous	1330-43-4 12179-04-3 1303-96-4	<1000
32	七水合硼酸钠 Tetraboron disodium heptaoxide,hydrate	12267-73-1	<1000
33	铬酸钠 Sodium chromate	7775-11-3	<1000
34	铬酸钾 Potassium chromate	7789-00-6	<1000
35	重铬酸铵 Ammonium dichromate	7789-09-5	<1000
36	重铬酸钾 Potassium dichromate	7778-50-9	<1000

37	硫酸钴 Cobalt(II)sulphate	10124-43-3	<1000
38	硝酸钴 Cobalt dinitrate	10141-05-6	<1000
39	碳酸钴 Cobalt(II)carbonate	513-79-1	<1000
40	乙酸钴 Cobalt(di)acetate	71-48-7	<1000
41	2-甲氧基乙醇 2-Methoxyethanol	109-86-4	<1000
42	2-乙氧基乙醇 2-Ethoxyethanol	110-80-5	<1000
43	三氧化铬 Trioxochromium	1333-82-0	<1000
44	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	<1000
		13530-68-2	<1000
45	1,2-苯二酸-二(C6-8 支链)烷基酯(富 C7) 1,2-Benzenedicarboxylic acid, di-C6-8-branched alky1 esters, C7-rich (DIHP)	71888-89-6	<1000
46	1,2-苯二酸-二(C7-11 支链与直链)烷基(醇)酯 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alky1 esters	68515-42-4	<1000
47	1,2,3-三氯丙烷 1,2,3-trichloropropane	96-18-4	<1000
48	1-甲基-2-吡咯烷酮 1-methyl-2-pyrrolidone	872-50-4	<1000
49	乙二醇乙醚醋酸酯 2-ethoxyethyl acetate	111-15-9	<1000
50	联氨 Hydrazine	7803-57-8	<1000
51	铬酸锶 Strontium chromate	7789-06-2	<1000
52	铬酸铬 Dichromium tris(chromate)	24613-89-6	<1000
53	氢氧化铬酸锌钾 Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9	<1000
54	氢氧化铬酸锌 Pentazinc chromate octahydroxide	49663-84-5	<1000

55	硅酸铝, 耐火陶瓷纤维(RCF) *Aluminosilicate Refractory Ceramic Fibres (RCF) *	-	<1000
56	氧化锆硅酸铝耐火陶瓷纤维*Zirconia Aluminosilicate Refractory Ceramic Fibres (ZrAl-RCF) *	-	<1000
57	甲醛与苯胺的低聚物 Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	<1000
58	邻苯二甲酸二甲氧基乙酯 Bis(2-methoxyethyl) phthalate	117-82-8	<1000
59	2-甲氧基苯胺 2-Methoxyaniline; o-Anisidine	90-04-0	<1000
60	对特辛基苯酚 4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	<1000
61	1,2-二氯乙烷 1,2-Dichloroethane	107-06-2	<1000
62	二乙二醇二甲醚 Bis(2-methoxyethyl) ether	111-96-6	<1000
63	砷酸 Arsenic acid	7778-39-4	<1000
64	砷酸钙 Calcium arsenate	7778-44-1	<1000
65	砷酸铅 Trilead diarsenate	3687-31-8	<1000
66	N,N-二甲基乙酰胺 N,N-dimethylacetamide (DMAC)	127-19-5	<1000
67	4,4'-二氨基-3,3'-二氯二苯甲烷 2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	<1000
68	酚酞 Phenolphthalein	77-09-8	<1000
69	叠氮化铅 Lead diazide	13424-46-9	<1000
70	史蒂芬酸铅 Lead styphnate	15245-44-0	<1000
71	苦味酸铅 Lead dipicrate	6477-64-1	<1000
72	三乙二醇二甲醚 1,2-bis(2-methoxyethoxy)ethane (TEGDME)	112-49-2	<1000
73	乙二醇二甲醚 1, 2-dimethoxyethane;ethylene glycol dimethyl ether (EGDME)	110-71-4	<1000
74	三氧化二硼 Diboron trioxide	1303-86-2	<1000
75	甲酰胺 Formamide	75-12-7	<1000

76	甲基磺酸铅 Lead(II)bis(methanesulfonate)	17570-76-2	<1000
77	1,3,5-三(环氧乙基甲基)-1,3,5-三嗪-2,4,6-(1H,3H,5H)-三酮 TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	<1000
78	1,3,5-三-[(2S 和 2R)-2,3-环氧丙基]-1,3,5-三嗪-2,4,6-(1H, 3H, 5H)-三酮(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	<1000
79	4,4'-二(二甲氨基)二苯甲酮(米氏酮)4,4'-bis(dimethylamino)benzophenone(Michler's ketone)	90-94-8	<1000
80	N,N,N',N'-四甲基-4,4'二氨基二苯甲烷 N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	<1000
81	C.L.碱性紫 3 C.I. Basic Violet 3	548-62-9	<1000
82	C.L.碱性蓝 26 C.I. Basic Blue 26	2580-56-5	<1000
83	C.L.溶剂蓝 4 C.I. Solvent Blue 4	6786-83-0	<1000
84	4,4'-二(二甲氨基)-4"-甲氨基三苯甲醇 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	<1000
85	十溴二苯醚 Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	<1000
86	全氟十三烷酸 Pentacosafuorotridecanoic acid	72629-94-8	<1000
87	全氟十二烷酸 Tricosafuorododecanoic acid	307-55-1	<1000
88	全氟十一烷酸 Henicosafuoroundecanoic acid	2058-94-8	<1000
89	全氟十四烷酸 Heptacosafuorotetradecanoic acid	376-06-7	<1000
90	对特辛基苯酚乙氧基醚 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	—	<1000
91	4-壬基(支链与直链)苯酚 4-Nonylphenol, branched and linear	—	<1000
92	偶氮二甲酰胺 C,C'-azodi(formamide)	123-77-3	<1000
93	环己烷-1,2-二羧酸酐 Cyclohexane-1,2-dicarboxylic anhydride, 顺式-环己烷-1,2-二羧酸酐 cis-cyclohexane-1,2-dicarboxylic anhydride,	85-42-7	<1000

	反式-环己烷-1,2-二羧酸酐 trans-cyclohexane-1,2-dicarboxylic anhydride		
94	甲基六氢邻苯二甲酸酐 Hexahydromethylphthalic anhydride, 4-甲基六氢邻苯二甲酸酐 Hexahydro-4-methylphthalic anhydride, 1-甲基六氢邻苯二甲酸酐 Hexahydro-1-methylphthalic anhydride, 3-甲基六氢邻苯二甲酸酐 Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	<1000
95	Methoxy acetic acid 甲氧基乙酸	625-45-6	<1000
96	1,2-苯二酸-二(支链与直链)戊基酯 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	<1000
97	邻苯二甲酸二异戊酯 Diisopentylphthalate (DIPP)	605-50-5	<1000
98	邻苯二甲酸正戊基异戊基酯 N-pentyl-isopentylphthalate	—	<1000
99	乙二醇二乙醚 1,2-Diethoxyethane	629-14-1	<1000
100	N,N-二甲基甲酰胺 N,N-dimethylformamide	68-12-2	<1000
101	二丁基二氯化锡 Dibutyltin dichloride (DBT)	683-18-1	<1000
102	碱式乙酸铅 Acetic acid, lead salt, basic	51404-69-4	<1000
103	碱式碳酸铅 Trilead bis(carbonate)dihydroxide	1319-46-6	<1000
104	Lead oxide sulfate (basic lead sulfate)硫酸铅	12036-76-9	<1000
105	二盐基邻苯二甲酸铅[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	69011-06-9	<1000
106	双(十八酸基)二氧化三铅 Dioxobis(stearato)trilead	12578-12-0	<1000
107	C16-18-脂肪酸铅盐 Fatty acids, C16-18, lead salts	91031-62-8	<1000
108	四氟硼酸铅 Lead bis(tetrafluoroborate)	13814-96-5	<1000
109	氨基氰铅盐 Lead cyanamidate	20837-86-9	<1000
110	硝酸铅 Lead dinitrate	10099-74-8	<1000
111	一氧化铅 Lead oxide (lead monoxide)	1317-36-8	<1000
112	四氧化三铅 Lead tetroxide (orange lead)	1314-41-6	<1000

113	钛酸铅 Lead titanium trioxide	12060-00-3	<1000
114	钛酸铅锆 Lead Titanium Zirconium Oxide	12626-81-2	<1000
115	硫酸四氧化五铅 Pentalead tetraoxide sulphate	12065-90-6	<1000
116	铅锑黄 Pyrochlore, antimony lead yellow	8012-00-8	<1000
117	掺杂铅的硅酸钡 Silicic acid, barium salt, lead-doped	68784-75-8	<1000
118	硅酸铅 Silicic acid, lead salt	11120-22-2	<1000
119	二碱式亚硫酸铅 Sulfurous acid, lead salt, dibasic	62229-08-7	<1000
120	四乙基铅 Tetraethyllead	78-00-2	<1000
121	硫酸三氧化四铅 Tetralead trioxide sulphate	12202-17-4	<1000
122	二碱式亚磷酸铅 Trilead dioxide phosphonate	12141-20-7	<1000
123	Furan 呋喃	110-00-9	<1000
124	1,2-环氧丙烷 Methyloxirane (Propylene oxide)	75-56-9	<1000
125	硫酸二乙酯 Diethyl sulphate	64-67-5	<1000
126	硫酸二甲酯 Dimethyl sulphate	77-78-1	<1000
127	3-乙基-2-甲基-2-(3-甲基丁基)-1,3-恶唑烷 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	<1000
128	地乐酚 Dinoseb	88-85-7	<1000
129	4,4'-methylenedi-o-toluidine 4,4'-二氨基-3,3'-二甲基二苯甲烷 (AZO)	838-88-0	<1000
130	4,4'-二氨基二苯醚及其盐 4,4'-oxydianiline and its salts	101-80-4	<1000
131	4-氨基偶氮苯 4-Aminoazobenzene	60-09-3	<1000
132	2,4-二氨基甲苯 4-methyl-m-phenylenediamine	95-80-7	<1000
133	2-甲氧基-5-甲基苯胺 6-methoxy-m-toluidine (p-cresidine)	120-71-8	<1000
134	4-氨基联苯 Biphenyl-4-ylamine	92-67-1	<1000
135	邻氨基偶氮甲苯 o-aminoazotoluene	97-56-3	<1000
136	2-邻甲苯胺 o-Toluidine	95-53-4	<1000

137	N-甲基乙酰胺 N-methylacetamide	79-16-3	<1000
138	1-溴丙烷 1-bromopropane; n-propyl bromide	106-94-5	<1000
139	镉 Cadmium	7440-43-9	<1000
140	氧化镉 Cadmium oxide	1306-19-0	<1000
141	全氟辛酸铵 Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	<1000
142	全氟辛酸 Pentadeca fluoro oct anoic (PFOA)	335-67-1	<1000
143	邻苯二甲酸二正戊酯 Dipentyl phthalate (DPP)	131-18-0	<1000
144	4-壬基(支链与直链)苯酚乙氧基醚 4-Nonylphenol, branched and linear, ethoxylated	-	<1000
145	硫化镉 Cadmium sulphide	1306-23-6	<1000
146	C.I.直接红 28 C.I. Direct Red 28	573-58-0	<1000
147	C.I.直接黑 38 C.I. Direct Black 38	1937-37-7	<1000
148	邻苯二甲酸二正己酯 Dihexyl phthalate	84-75-3	<1000
149	2-巯基咪唑啉 Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	<1000
150	乙酸铅 Lead di(acetate)	301-04-2	<1000
151	磷酸三二甲苯酯 Trixylyl phosphate	25155-23-1	<1000
152	氯化镉 Cadmium chloride	10108-64-2	<1000
153	邻苯二甲酸二(支链与直链)己基酯 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	<1000
154	过硼酸钠 Sodium peroxometaborate	7632-04-4	<1000
155	水合过硼酸钠 Sodium perborate; perboric acid, sodium salt	-	<1000
156	氟化镉 Cadmium fluoride	7790-79-6	<1000
157	硫酸镉 Cadmium sulphate	10124-36-4; 31119-53-6	<1000
158	2-苯并三唑-2-基-4,6-二叔丁基苯酚 2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	<1000
159	2-(2H-苯并三唑-2-基)-4,6-二叔戊基苯酚 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	<1000

160	二正辛基-双(2-乙基己基巯基乙酸酯)锡 Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	<1000
161	二正辛基-双(2-乙基己基巯基乙酸酯)锡 (DOTE) 和单辛基-三(2-乙基己基巯基乙酸酯)锡 (MOTE) 的反应物 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	-	<1000
162	1,2-苯二甲酸,二(C6-10)烷基酯; 1,2-苯二甲酸,混合二己二辛二癸酯, 其中邻苯二甲酸二己酯含量 ≥0.3% 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 68648-93-1	<1000
163	5-二级丁基-2-(2,4-二甲基环己-3-烯-1-基)-5-甲基-1,3-二恶烷 [1], 5-二级丁基-2-(4,6-二甲基环己-3-烯-1-基)-5-甲基-1,3-二恶烷 [2] (任何 [1] 和 [2] 或者其任意组合的单独异构体或其任何组合) 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]	-	<1000
164	1,3-丙磺酸内酯 1,3-propanesultone	1120-71-4	<1000
165	2,4-二叔丁基-6-(5-氯苯并三唑-2-基) 苯酚 (UV-327) 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	<1000
166	2-(2H-苯并三唑-2-基)-4-(叔丁基)-6-(仲丁基) 苯酚 (UV-350) 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	<1000
167	硝基苯 Nitrobenzene	98-95-3	<1000
168	全氟壬酸及其钠盐和铵盐 Perfluorononan-1-oic acid and its sodium and ammonium salts)	375-95-1, 21049-39-8, 4149-60-4	<1000
169	苯并(a)芘 Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	<1000

170	4,4'-异亚丙基联苯酚 (双酚 A) 4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	<1000
171	全氟癸酸 (PFDA) 及其钠盐和铵盐 nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	<1000
172	对叔戊基苯酚 p-(1,1-dimethylpropyl)phenol	80-46-6	<1000
173	4-庚基(支链与直链)苯酚[苯酚的 4 号位被碳原子数为 7 的烷基取代的产物, 包括 UVCB-、所有单一同分异构体及其组合] 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	/	<1000
174	全氟己烷-1-磺酸及其盐 Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	355-46-4	<1000
175	苯并蒽(BaA)Benz[a]anthracene	56-55-3	<1000
176	碳酸镉 Cadmium carbonate	513-78-0	<1000
177	氢氧化镉 Cadmium hydroxide	21041-95-2	<1000
178	硝酸镉 Cadmium nitrate	10325-94-7	<1000
179	蒽(CHR)Chrysene	218-01-9	<1000
180	双(六氯环戊二烯)环辛烷(包含任何顺式与反式同分异构体或其组合)1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	<1000
181	1,3,4-噻二唑-2,5-二硫酮、甲醛与支链和直链 4-庚基苯酚的反应产物(RP-HP)[含有支链和直链 4-庚基苯酚重量比≥0.1%] 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]	-	<1000
182	1,2,4-苯三酸酐(偏苯三酸酐)(TMA)Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA)	552-30-7	<1000

183	苯并(g,h,i)芘(二萘嵌苯) (BPE)Benzo[ghi]perylene	191-24-2	<1000
184	十甲基环五硅氧烷 (D5)Decamethylcyclopentasiloxane (D5)	541-02-6	<1000
185	邻苯二甲酸二环己酯(DCHP)Dicyclohexyl phthalate (DCHP)	84-61-7	<1000
186	氧化硼钠#Disodium octaborate	12008-41-2	<1000
187	十二甲基环六硅氧烷 (D6) Dodecamethylcyclohexasiloxane (D6)	540-97-6	<1000
188	乙二胺 Ethylenediamine (EDA)	107-15-3	<1000
189	铅#Lead	7439-92-1	<1000 (见备注)
190	八甲基环四硅氧烷 (D4)Octamethylcyclotetrasiloxane (D4)	556-67-2	<1000
191	氢化三联苯 Terphenyl, hydrogenated	61788-32-7	<1000
192	1,7,7-三甲基-3-(苯基亚甲基)双环[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)	15087-24-8	<1000
193	4,4'-(1,3-二甲基丁基)二苯酚 2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	<1000
194	苯并[k]荧蒹 Benzo[k]fluoranthene	207-08-9	<1000
195	荧蒹 Fluoranthene	93951-69-0	<1000
196	菲 Phenanthrene	85-01-8	<1000
197	芘 Pyrene	1718-52-1	<1000
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	-	<1000
199	2-甲氧基乙基乙酸酯 2-methoxyethyl acetate	110-49-6	<1000
200	4-叔丁基苯酚 4-tert-butylphenol	98-54-4	<1000

201	三(4-壬基苯基, 支链和直链)亚磷酸酯 (TNNPP)(含 $\geq 0.1\%$ 的支链和直链 4-壬基苯酚) Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4- nonylphenol, branched and linear (4-NP)	-	<1000
202	"全氟丁烷磺酸 (PFBS) 及其盐 Perfluorobutane sulfonic acid (PFBS) and its salts"	-	<1000
203	"邻苯二甲酸二异己酯 Diisohexyl phthalate"	71850-09-4	<1000
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	<1000
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	<1000
206	1- 乙烯基咪唑 1-vinylimidazole	1072-63-5	<1000
207	2- 甲基咪唑 2-methylimidazole	693-98-1	<1000
208	对羟基苯甲酸丁酯 Butyl 4-hydroxybenzoate	94-26-8	<1000
209	双(乙酰丙酮酸)二丁基锡 Dibutylbis (pentane-2,4-dionato-O,O') tin*	22673-19-4	<1000
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	143-24-8	<1000
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	-	<1000
212	对十二烷基苯酚及其异构体 (PDDP) Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any	-	<1000

	individual isomers and/ or combinations thereof (PDDP)		
213	原硼酸钠盐 Orthoboric acid, sodium salt	-	<1000
214	中链氯化石蜡 (MCCP) (UVCB 物质: 由含 ≥80% 的碳链长度 C14 至 C17 之间的直链氯化烷烃组成) 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]	-	<1000
215	戊二醛 Glutalal	203-856-5	<1000
216	2,2-双(4-羟基苯基)丁烷 (双酚 B) 4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	201-025-1	<1000
217	铃兰醛及其异构体 2-(4-tertbutylbenzyl)propionaldehyde and its individual stereoisomers	-	<1000
218	二溴新戊二醇 三溴新戊醇 2,3-二溴-1-丙醇 2,2-bis(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)	-	<1000
219	1,4-二氧六环 (二恶烷) 1,4-dioxane	204-661-8	<1000
220	2,2'-亚甲基双(4-甲基-6-叔丁基苯) (DBMC) 6,6'-di-tert-butyl-2,2'-methylenedi-pcresol	119-47-1	<1000
221	乙烯基-三(2-甲氧基乙氧基)硅烷 tris(2-methoxyethoxy)vinylsilane	1067-53-4	<1000
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-	-	<1000

	methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one, covering any of the individual isomers and/or combinations thereof		
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	<1000
224	N-羟甲基丙烯酰胺 N-(hydroxymethyl)acrylamide	924-42-5	<1000
225	三聚氰胺 Melamine	108-78-1	<1000
226	1,2-双(2,4,6-三溴苯氧基)乙烷 1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene] (BTBPE)	37853-59-1	<1000
227	四溴双酚 A 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBP-A)	79-94-7	<1000
228	4,4'-磺酰基二苯酚 (双酚 S) 4,4'-sulphonyldiphenol (BPS)	80-09-1	<1000
229	偏硼酸钡 Barium diboron tetraoxide	13701-59-2	<1000
230	四溴邻苯二甲酸双(2-乙基己基)酯, 包含其任何异构体及异构体组合 Bis(2-ethylhexyl) Tetrabromophthalate covering any of the individual isomers and/or combinations thereof (TBPH)	-	<1000
231	对羟基苯甲酸异丁酯 (尼泊金异丁酯) Isobutyl 4-hydroxybenzoate	4247-02-3	<1000
232	全氟庚酸(PFHpA)及其盐 Perfluoroheptanoic acid (PFHpA) and its salts	-	<1000
233	2,2,3,3,5,5,6,6-八氟-4-(1,1,1,2,3,3,3-七氟丙烷-2-基)吗啉和 2,2,3,3,5,5,6,6-八氟烷-4-(七氟丙基)吗啉的反应产物 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-	-	<1000

	(heptafluoropropyl)morpholine		
234	4,4'-二氯二苯砜 / Bis(4-chlorophenyl) sulphone	80-07-9	<1000
235	二苯基(2,4,6-三甲酰基)氧化磷 (TPO) / Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (TPO)	75980-60-8	<1000
236	2,4,6-三叔丁基苯酚 (2,4,6-TTBP) 2,4,6-tri-tert-butylphenol	732-26-3	<1000
237	2-[2-羟基-5-(1,1,3,3-四甲丁基)苯基]苯并三唑 (UV-329) 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3- tetramethylbutyl)phenol	3147-75-9	<1000
238	2-(4-甲基苄基)-2-(二甲氨基)-1-(4-吗啉苄基)-1-丁 酮 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1- [4-(morpholin-4-yl)phenyl]butan-1-one	119344-86- 4	<1000
239	布美三唑 (UV-326) Bumetrizole	3896-11-5	<1000
240	2-苯基丙烯与苯酚的低聚和烷基化反应产物 Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	<1000
241	过氧化二异丙苯 Bis(α,α -dimethylbenzyl)peroxide	80-43-3	<1000
242	磷酸三苯酯 Triphenylphosphate	115-86-6	<1000
243	6-[(C10-C13)-烷基-(支链, 不饱和)- 2,5-二氧吡咯烷-1-基]己酸 6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-	2156592- 54-8	<1000
244	O,O,O-三苯基硫代磷酸酯 O,O,O-triphenyl phosphorothioate	597-82-0	<1000
245	八甲基三硅氧烷 Octamethyltrisiloxane	107-51-7	<1000
246	全氟三丙胺 Perfluamine	338-83-0	<1000



247	三苯基硫代磷酸盐和叔丁基化苯基衍生物的反应物 reaction mass of: triphenylthiophosphate and	192268-65-8	<1000
248	Decamethyltetrasiloxane 十甲基四硅氧烷	141-62-8	<1000
249	1,1,1,3,5,5,5-heptamethyl-3- [(trimethylsilyl)oxy]trisiloxane 1,1,1,3,5,5,5-七甲基-3-[(三甲基甲硅烷基)氧基]三硅	17928-28-8	<1000
250	tetra(sodium/potassium) 7-[(E)-{2-acetamido-4- [(E)-(4-{[4-chloro-6-({2-[4-fluoro-6-{4- (vinylsulfonyl)phenyl}amino)-1,3,5-triazine-2-	-	<1000
251	1,1'-(1,2-亚乙基)双[五溴苯] (十溴二苯乙烷 DBDPE	84852-53-9	<1000

备注：针对铅Lead，我司中大功率封装产品使用铅锡银高温焊料，其含铅量大于90%，符合欧盟RoHS指令（2011/65/EU）附录第7(a)高熔化温度型焊料中的铅（如铅含量超过85%的铅基合金焊料）豁免应用，但是超过REACH法规要求的SVHC物质<0.1%(1000ppm)的要求，根据REACH法规要求需要告知客户。

杭州士兰微电子股份有限公司
质量管理中心
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