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SYG-E-B-054 (23)

生益科技股份有限公司

品质管理部

2023-1-17

生益科技 品质管理部

关于我司产品符合REACH法规中SVHC物质要求的说明

尊敬的客户，您好！

欧盟EC/1907/2006《关于化学品注册、评估、授权和限制的法规》(简称REACH)已于2007年6月1日正式生效，并从2008年6月1日起在欧盟正式实施。REACH法规实施以来，先后公布了28批SVHC物质，最近一次于2023年1月17日结束评审并实施，28批SVHC物质共计233项(见附件一)。法规要求SVHC物质含量 $<0.1\%$ ，当产品中SVHC物质含量 $>0.1\%$ 时，供应商应主动向客户告知其物质含量信息，如消费者提出要求后，厂商需在45天内提供相关信息给到消费者，以确保产品被安全使用。产品中SVHC物质含量 $>0.1\%$ ，且出口到欧盟的产品中SVHC物质总量 ≥ 1 吨/年时，需要向欧盟化学品管理局进行通报，提交相关资料，并支付相关费用。

通过对我司原材料供应商进行SVHC物质调查及对生产过程的控制，可确保我司板材中SVHC物质含量均 $<0.1\%$ 。根据以上REACH法规要求，我司履行告知义务。在此告知贵司，我司板材中SVHC物质(233项)含量均 $<0.1\%$ 。

第28批SVHC物质中对“四溴双酚A(TBBPA)”提出要求，我司板材可满足法规要求。因半固化片处于半固化状态，部分树脂还未反应完全，可能会含有“四溴双酚A”单体且含量 $\geq 0.1\%$ 。半固化片经过PCB多层板压合后，“四溴双酚A”单体可充分反应，含量可满足 $<0.1\%$ 要求。

特此说明。

顺祝:

商祺!

附件一:

Item 項次	Substance name 物質名稱	CAS No.	EC No.
1	Anthracene 蒽	120-12-7	204-371-1
2	4,4'-Diaminodiphenylmethane 4,4'-二氨基二苯基甲烷	101-77-9	202-974-4
3	Dibutyl phthalate 邻苯二甲酸二丁酯	84-74-2	201-557-4
4	Cobalt dichloride 二氯化钴	7646-79-9	231-589-4
5	Diarsenic pentaoxide 五氧化砷	1303-28-2	215-116-9
6	Diarsenic trioxide 三氧化二砷	1327-53-3	215-481-4
7	Sodium dichromate, dihydrate 重铬酸钠二水合物	7789-12-0 10588-01-9	234-190-3
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 二甲苯麝香	81-15-2	201-329-4
9	Bis (2-ethyl(hexyl)phthalate) (DEHP) 邻苯二甲酸	117-81-7	204-211-0
10	Hexabromocyclododecane (HBCDD) 六溴环十二烷	25637-99-4	247-148-4
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短链氯化石蜡 (C10-13)	85535-84-8	287-476-5
12	Bis(tributyltin)oxide 氧化双三丁基锡	56-35-9	200-268-0
13	Lead hydrogen arsenate 酸式砷酸铅	7784-40-9	232-064-2
14	Triethyl arsenate 三乙基砷酸酯	15606-95-8	427-700-2
15	Benzyl butyl phthalate	85-68-7	201-622-7

	邻苯二甲酸丁苄酯		
16	Anthracene oil 蒽油	90640-80-5	292-602-7
17	Anthracene oil, anthracene paste, distn. lights 蒽油, 蒽糊, 轻油	91995-17-4	295-278-5

18	Anthracene oil, anthracene paste, anthracene fraction 蒽油, 蒽糊, 蒽馏分	91995-15-2	295-275-9
19	Anthracene oil, anthracene-low 蒽油, 含蒽量少	90640-82-7	292-604-8
20	Anthracene oil, anthracene paste 蒽油, 蒽糊	90640-81-6	292-603-2
21	Pitch, coal tar, high temp 沥青, 煤焦油, 高温	65996-93-2	266-028-2
22	2,4-Dinitrotoluene 2,4-二硝基甲苯	121-14-2	204-450-0
23	Diisobutyl phthalate 邻苯二甲酸二异丁酯	84-69-5	201-553-2
24	Lead chromate 铬酸铅	7758-97-6	231-846-0
25	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) 钼铬红(C.I.颜料红 104)	12656-85-8	235-759-9
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)) 铅铬黄 (C.I.颜料黄 34	1344-37-2	215-693-7
27	tris(2-chloroethyl)phosphate 磷酸三(2-氯乙基)酯	115-96-8	204-118-5
28	Acrylanide 丙烯酰胺	79-06-1	201-173-7
29	Boric acid 硼酸	10043-35-3 11113-50-1	233-139-2 234-343-4
30	Disodium tetraborate, anhydrous 无水四硼酸钠	1303-96-4 1330-43-4 12179-04-3	215-540-4
31	Tetraboron disodium heptaoxide, hydrate 七水合四硼酸钠	12267-73-1	235-541-3
32	Sodium chromate 铬酸钠	7775-11-3	231-889-5
33	Potassium chromate 铬酸钾	7789-00-6	232-140-5

34	Ammonium dichromate 重铬酸铵	7789-9-5	232-143-1
35	Potassium dichromate 重铬酸钾	7778-50-9	231-906-6
36	Trichloroethylene 三氯乙烯	79-01-6	201-167-4
37	Cobalt(II) sulphate 硫酸钴	10124-43-3	233-334-2
38	Cobalt(II) dinitrate 硝酸钴	10141-05-6	233-402-1
39	Cobalt(II) carbonate 碳酸钴	71-48-7	208-169-4
40	Cobalt(II) diacetate 醋酸钴	71-48-7	200-755-8
41	2-Methoxyethanol 2-甲氧基乙醇 (乙二醇单甲醚)	109-86-4	203-713-7
42	2-Ethoxyethanol 乙氧基乙醇 (乙二醇单乙醇)	110-80-5	203-804-1
43	Chromium trioxide 三氧化铬	1333-82-0	215-607-8
44	Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid 三氧化铬衍生酸, 如铬酸、重铬酸、低聚铬酸等	7738-94-5 13530-68-2	231-801-5 236-881-5
45	2-ethoxyethyl acetate 乙二醇乙醚醋酸酯	111-15-9	203-839-2
46	strontium chromate 铬酸锶	7789-06-2	232-142-6
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters 1,2-苯二酸-二(C7-11 支链与直链)烷基酯	68515-42-4	271-084-6
48	Hydrazine 肼	7803-57-8 302-01-2	206-114-9
49	1-methyl-2-pyrrolidone N-甲基吡咯烷酮	872-50-4	212-828-1
50	1,2,3-trichloropropane 1,2,3-三氯丙烷	96-18-4	202-486-1
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich 邻苯二甲酸二 C6-8 支链烷基酯(富 C7)	71888-89-6	276-158-1
52	铬酸铬 Dichromium tris(chromate)	24613-89-6	246-356-2

53	氢氧化铬酸锌钾 Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9	234-329-8
54	锌黄 Pentazinc chromate octahydroxide	49663-84-5	256-418-0
55	硅酸铝耐火陶瓷纤维 (RCF) Aluminosilicate Refractory Ceramic Fibres (RCF)	-	-
56	氧化锆硅酸铝耐火陶瓷纤维 (ZR -RCF) Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-	-
57	甲醛与苯胺的低聚反应产物 Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1
58	邻苯二甲酸二甲氧乙酯 Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6
59	邻甲氧基苯胺 2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1
60	4-(1,1,3,3-四甲基丁基)苯酚 (4-(叔辛基)苯酚) 4-(1,1,3,3-tetramethylbutyl)phenol,(4-tert-Octylphenol)	140-66-9	205-426-2
61	1,2-二氯乙烷 1,2-Dichloroethane	107-06-2	203-458-1
62	双(2-甲氧基乙基)醚 Bis(2-methoxyethyl) ether	111-96-6	203-924-4
63	砷酸 Arsenic acid	7778-39-4	231-901-9
64	砷酸钙 Calcium arsenate	7778-44-1	231-904-5
65	砷酸铅 Trilead diarsenate	3687-31-8	222-979-5
66	N,N-二甲基乙酰胺 N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4
67	2,2'-二氯-4,4'-二氨基二苯基甲烷 2,2'-dichloro-4,4'-methylenedianiline(MOCA)	101-14-4	202-918-9
68	酚酞 Phenolphthalein	77-09-8	201-004-7
69	迭氮化铅 Lead azide Lead diazide	13424-46-9	236-542-1
70	收敛酸铅 Lead styphnate	15245-44-0	239-290-0
71	苦味酸铅 Lead dipicrate	6477-64-1	229-335-2
72	三甘醇二甲醚(TEGDME) 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3

73	1,2-二甲氧基乙烷; (EGDME) 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9
74	三氧化二硼 Diboron trioxide	1303-86-2	215-125-8
75	甲酰胺 Formamide	75-12-7	200-842-0
76	甲基磺酸铅Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5
77	1,3,5-三缩水甘油-S-三嗪三酮;异氰尿酸三缩水甘油酯 TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3
78	1,3,5-三(环氧乙烷基甲基)-1,3,5-三嗪-2,4,6-(1H,3H,5H)-三酮立体异构体; β -TGIC (1,3,5-tris[(2S and R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	423-400-0
79	4,4'-二(N,N-二甲氨基)二苯甲酮;米蚩酮;四甲基米氏酮 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5
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	202-959-2
81	碱性紫3 [4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammoniumchloride (C.I. Basic Violet 3)	548-62-9	208-953-6
82	碱性蓝26 [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
83	溶剂蓝4 α,α -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8
84	α,α -二[(二甲氨基)苯基]-4-甲氨基苯甲醇 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2
85	二盐基邻苯二甲酸铅 [Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5
86	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	284-032-2
87	乙二醇二乙醚 1,2-Diethoxyethane	629-14-1	211-076-1
88	1-溴丙烷 1-Bromopropane	106-94-5	203-445-0
89	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	421-150-7
90	对特辛基苯酚乙氧基醚4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated	--	--

91	4,4'-二氨基-3,3'-二甲基二苯甲烷 4,4'-Methylenedi-o-toluidine	838-88-0	212-658-8
92	4,4'-二氨基二苯醚 4,4'-Oxydianiline	101-80-4	202-977-0
93	4-氨基偶氮苯 4-Aminoazobenzene	60-09-3	200-453-6
94	2,4-二氨基甲苯 4-Methyl-m-phenylenediamine	95-80-7	202-453-1
95	4-壬基(支链与直链)苯酚 4-Nonylphenol, branched and linear	--	--
96	2-甲氧基-5-甲基苯胺 6-Methoxy-m-toluidine	120-71-8	204-419-1
97	碱式乙酸铅 Acetic acid, lead salt, basic	51404-69-4	257-175-3
98	4-氨基联苯 Biphenyl-4-ylamine	92-67-1	202-177-1
99	十溴二苯醚 Bis(pentabromophenyl)ether (DecaBDE)	1163-19-5	214-604-9
100	偶氮二甲酰胺 C,C'-azodi(formamide)	123-77-3	204-650-8
101	二丁基二氯化锡 Dibutyltin dichloride	683-18-1	211-670-0
102	硫酸二乙酯 Diethyl sulphate	64-67-5	200-589-6
103	邻苯二甲酸二异戊酯 Diisopentylphthalate (DIPP)	605-50-5	210-088-4
104	硫酸二甲酯 Dimethyl sulphate	77-78-1	201-058-1
105	地乐酚 Dinoseb	88-85-7	201-861-7
106	双(十八烷基)二氧化三铅 Dioxobis(stearato)trilead	12578-12-0	235-702-8
107	C16-18-脂肪酸铅 Fatty acids, C16-18, lead salts	91031-62-8	292-966-7
108	呋喃 Furan	110-00-9	203-727-3
109	全氟十一烷酸 Henicosafuoroundecanoic acid	2058-94-8	218-165-4
110	全氟十四烷酸 Heptacosafuorotetradecanoic acid	376-06-7	206-803-4

111	环己烷-1,2-二羧酸酐 Hexahydro-2-benzofuran-1,3-dione, 顺式-环己烷-1,2-二羧酸酐 cis-cyclohexane-1,2-dicarboxylicanhydride, 反式-环己烷-1,2-二羧酸酐 trans-cyclohexane-1,2-dicarboxylicanhydride	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9
112	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	247-094-1 243-072-0 256-356-4 260-566-1
113	四氟硼酸铅* Lead bis(tetrafluoroborate)	13814-96-5	237-486-0
114	氨基氰铅盐 Lead cyanamidate*	20837-86-9	244-073-9
115	硝酸铅 Lead dinitrate*	10099-74-8	233-245-9
116	一氧化铅 Lead monoxide*	1317-36-8	215-267-0
117	碱式硫酸铅 Lead oxide sulphate*	12036-76-9	234-853-7
118	四氧化三铅 Lead tetroxide*	1314-41-6	215-235-6
119	钛酸铅 Lead titanium trioxide*	12060-00-3	235-038-9
120	钛酸铅锆* Lead Titanium Zirconium Oxide	12626-81-2	235-727-4
121	甲氧基乙酸 Methoxyacetic acid	625-45-6	210-894-6
122	N,N-二甲基甲酰胺 N,N-dimethylformamide	68-12-2	200-679-5
123	N-甲基乙酰胺 N-methylacetamide	79-16-3	201-182-6
124	邻苯二甲酸正戊基异戊基酯 N-pentyl-isopentylphthalate	776297-69-9	--
125	邻-氨基偶氮甲苯 o-Aminoazotoluene	97-56-3	202-591-2
126	2-氨基甲苯 o-Toluidine	95-53-4	202-429-0

127	全氟十三烷酸 Pentacosafuorotridecanoic acid	72629-94-8	276-745-2
128	硫酸四氧化五铅* Pentalead tetraoxide sulphate	12065-90-6	235-067-7
129	1,2-环氧丙烷 Propylene oxide	75-56-9	200-879-2
130	铅锑黄* Pyrochlore, antimony lead yellow	8012-00-8	232-382-1
131	掺杂铅的硅酸钡* Silicic acid, barium salt, lead-doped	68784-75-8	272-271-5
132	硅酸铅 Silicic acid, lead salt*	11120-22-2	234-363-3
133	二碱式亚硫酸铅* Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1
134	四乙基铅 Tetraethyllead	78-00-2	201-075-4
135	硫酸三氧化四铅* Tetralead trioxide sulphate	12202-17-4	235-380-9
136	全氟十二烷酸 Tricosafuorododecanoic acid	307-55-1	206-203-2
137	碱式碳酸铅* Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6
138	二碱式亚磷酸铅* Trilead dioxide phosphonate	12141-20-7	235-252-2
139	镉 Cadmium	7440-43-9	231-152-8
140	氧化镉 Cadmium oxide	1306-19-0	215-146-2
141	邻苯二甲酸二戊酯 Dipentyl phthalate (DPP)	131-18-0	205-017-9
142	4-壬基酚，支链和直连，乙氧基 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]	-	-
143	全氟辛酸铵 Ammoniumpentadecafluorooctanoate (APFO)	3825-26-1	223-320-4
144	全氟辛酸 Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9

145	硫化镉 Cadmium sulphide	1306-23-6	215-147-8
146	C.I.直接黑38 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
147	邻苯二甲酸二己酯 Diethyl phthalate	84-75-3	201-559-5
148	亚乙基硫脲 Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	202-506-9
149	磷酸三(二甲苯)酯 Triphenyl phosphate	25155-23-1	246-677-8
150	C.I.直接红28 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
151	醋酸铅 Lead di(acetate)	301-04-2	206-104-4
152	氯化镉 Cadmium chloride	10108-64-2	233-296-7
153	邻苯二甲酸二己酯（支链和直链）（DIHP） 1,2-Benzenedicarboxylic acid, diethyl ester, branched and linear	68515-50-4	271-093-5
154	高硼酸钠 Sodium peroxometaborate	7632-04-4	231-556-4
155	过硼酸钠；过硼酸钠盐 Sodium perborate; perboric acid, sodium salt	-	239-172-9 234-390-0
156	氟化镉 Cadmium fluoride	7790-79-6	232-222-0
157	硫酸镉 Cadmium sulphate	10124-36-4; 31119-53-6	233-331-6
158	2-[2-羟基-3',5'-二叔丁基苯基]-苯并三唑（紫外吸收剂320） 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6
159	2-(2'-羟基-3',5'-二叔戊基苯基)苯并三唑（紫外吸收剂328） 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8
160	二正辛基-双(2-乙基己基巯基乙酸酯)锡 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4
161	二正辛基-双(2-乙基己基巯基乙酸酯)锡和单辛基-三(2-乙基己基巯基 乙酸酯)锡的反应物 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 (reaction mass of DOTE and MOTE)		
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 $\geq 0.3\%$ 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	68515-51-5 68648-93-1	271-094-0 272-013-1
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 isomers of [1] and [2] or any combination thereof]	-	-
164	硝基苯 Nitrobenzene	98-95-3	202-716-0
165	2,4-二-叔丁基-6-(5-氯-2H-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	223-383-8
166	1,3-丙烷磺内酯 1,3-propanesultone	1120-71-4	214-317-9
167	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	253-037-1
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	206-801-3 200-028-5
169	苯并(a)芘 Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5
170	4,4'-异亚丙基联苯酚(双酚A) 4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	201-245-8
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	206-400-3 - 221-470-5
172	对叔戊基苯酚 p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9
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 combination thereof]	-	-
174	全氟己烷-1-磺酸及其盐 Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	355-46-4	206-587-1

175	苯并蒽(BaA) Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6
176	碳酸镉# Cadmium carbonate	513-78-0	208-168-9
177	氢氧化镉# Cadmium hydroxide	21041-95-2	244-168-5
178	硝酸镉# Cadmium nitrate	10022-68-1, 10325-94-7	233-710-6
179	蒽(CHR) Chrysene	218-01-9, 1719-03-5	205-923-4
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) 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]	--	--
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(4-HPbl)重量比 $\geq 0.1\%$] Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear (4-HPbl)]	--	--
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)	552-30-7	209-008-0
183	邻苯二甲酸二环己酯(DCHP) Dicyclohexyl phthalate	84-61-7	201-545-9
184	苯并(g,h,i)苉(二萘嵌苯) (BPE) Benzo[ghi]perylene	191-24-2	205-883-8
185	十甲基环五硅氧烷 (D5) Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9
186	氧化硼钠# Disodium octaborate	12008-41-2	234-541-0
187	十二甲基环六硅氧烷 (D6) Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8
188	乙二胺 Ethylenediamine (EDA)	107-15-3	203-468-6
189	八甲基环四硅氧烷 (D4) Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7

190	氢化三联苯 Terphenyl, hydrogenated	61788-32-7	262-967-7
191	铅# Lead	7439-92-1	231-100-4
192	4,4'-(1,3-二甲基丁基)二苯酚 2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1
193	苯并[k]荧蒽 Benzo[k]fluoranthene	207-08-9	205-916-6
194	荧蒽 Fluoranthene	206-44-0; 93951-69-0	205-912-4
195	菲 Phenanthrene	85-01-8	201-581-5
196	芘 Pyrene	129-00-0; 1718-52-1	204-927-3
197	1,7,7-三甲基-3-(苯基亚甲基)双环[2.2.1]庚-2-酮酮(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	239-139-9
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)	-	-
199	2-甲氧基乙基乙酸酯 2-methoxyethyl acetate	110-49-6	203-772-9
200	4-叔丁基苯酚 4-tert-butylphenol	98-54-4	202-679-0
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)	-	-
202	全氟丁烷磺酸(PFBS)及其盐 Perfluorobutane sulfonic acid (PFBS) and its salts	-	-
203	邻苯二甲酸二异己酯 Diisohexyl phthalate	71850-09-4	276-090-2
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	400-600-6

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	404-360-3
206	1-乙烯基咪唑 1-vinylimidazole	1072-63-5	214-012-0
207	2-甲基咪唑 2-methylimidazole	693-98-1	211-765-7
208	对羟基苯甲酸丁酯 Butyl 4-hydroxybenzoate	94-26-8	202-318-7
209	双(乙酰丙酮基)二丁基锡 Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0
210	四乙二醇二甲醚 Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	205-594-7
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	-	-
212	1,4-二氧六环 (二恶烷) 1,4-dioxane	123-91-1	204-661-8
213	二溴新戊二醇 三溴新戊醇 2,3-二溴-1-丙醇 2,2-bis(bromomethyl)propan-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	-
214	铃兰醛及其异构体 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	-
215	2,2-双(4-羟基苯基)丁烷 (双酚 B) 4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	77-40-7	201-025-1
216	戊二醛 Glutaral	111-30-8	203-856-5
217	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]	-	-

218	原硼酸钠盐 Orthoboric acid, sodium salt	-	-
219	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 individual isomers and/ or combinations thereof (PDDP)	-	-
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	204-327-1
221	乙烯基-三(2-甲氧基乙氧基)硅烷 tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0
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	-	-
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	401-850-9
224	N-羟甲基丙烯酰胺 N-(hydroxymethyl)acrylamide	924-42-5	-
225	三聚氰胺 Melamine	108-78-1	-
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	-
227	四溴双酚 A 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBP-A)	79-94-7	-
228	4,4'-磺酰基二苯酚 (双酚 S) 4,4'-sulphonyldiphenol (BPS)	80-09-1	-
229	偏硼酸钡 Barium diboron tetraoxide	13701-59-2	-
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)	-	-
231	全氟庚酸(PFHpA)及其盐 Perfluoroheptanoic acid (PFHpA) and its salts	-	-
232	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-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-(heptafluoropropyl)morpholine		
233	对羟基苯甲酸异丁酯（尼泊金异丁酯） Isobutyl 4-hydroxybenzoate	4247-02-3	—