



REACH STATEMENT

To: ALL CUSTOMER

We hereby declare that our products (the "Products") fully comply with European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (the "REACH"), And the mass is less than 0.1% (1000ppm). As the supplier, we are willing to provide all necessary documentation or information, to prove our compliance with the REACH regulations.

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REACH 224 SVHC SUBSTANCE IDENTIFICATION

	Chinese Name	Substance name	CAS number	EC number
1	蒽	Anthracene	120-12-7	204-371-1
2	4,4'-二氨基二苯基甲烷	4,4' - Diaminodiphenylmethane	101-77-9	202-974-4
3	鄰苯二甲酸二丁酯	Dibutyl phthalate	84-74-2	201-557-4
4	六溴環十二烷	Hexabromocyclododecane(HBCDD)	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	247-148-4 221-695-9
5	氯化鈷	Cobalt dichloride	7646-79-9	231-589-4
6	五氧化二砷	Diarsenic pentaoxide	1303-28-2	215-116-9
7	三氧化二砷	Diarsenic trioxide	1327-53-3	215-481-4
8	重鉻酸鈉	Sodium dichromate,	7789-12-0 10588-01-9	234-190-3
9	2,4,6-三硝基-3,3-二甲基-5-叔丁基苯（二甲苯麝香）	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4
10	鄰苯二甲酸(2-乙基己基酯)	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0
11	短鏈型C10-13氯化石蠟	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5
12	氧化雙三丁基錫	Bis(tributyltin)oxide	56-35-9	200-268-0
13	酸式砷酸鉛	Lead hydrogen arsenate	7784-40-9	232-064-2
14	三乙砷酸酯	Triethyl arsenate	15606-95-8	427-700-2
15	鄰苯二甲酸丁苄酯	Benzyl butyl phthalate	85-68-7	201-622-7
16	蒽油	Anthracene oil	90640-80-5	292-602-7
17	蒽油，蒽糊，輕油	Anthracene oil,anthracene paste,distn,lights oil	91995-17-4	295-278-5
18	蒽油，蒽糊，蒽醌分	Anthracene oil,anthracene paste,anthracene fraction	91995-15-2	295-275-9
19	蒽油，含蒽量少	Anthracene oil,anthracene-low	90640-82-7	292-604-8
20	蒽油，蒽糊	Anthracene oil,anthracene paste	90640-81-6	292-603-2
21	鄰苯二甲酸二異丁酯	Diisobutyl phthalate(DIBP)	84-69-5	201-553-2
22	2,4-二硝基甲苯	2,4-Dinitrotoluene	121-14-2	204-450-0
23	煤瀝青，高溫	Coal tar pitch,high tem-perature	65996-93-2	266-028-2
24	三(2-氯乙基)磷酸酯	Tris(2-chloroethyl)phosphate(TCEP)	115-96-8	204-118-5
25	丙烯醯胺	Acrylamide	79-06-1	201-173-7
26	鉻酸鉛	Lead chromate	7758-97-6	231-846-0



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27	紅色鉬鉻酸鉛硫酸鹽	Lead chromate molybdate sulfate red(C.I. Pigment Red 104)	12656-85-8	235-759-9
28	黃色硫化鉻酸鉛	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7
29	三氯乙烯	Trichloroethylene	79-01-6	201-167-4
30	硼酸	Boric acid	10043-35-3 11113-50-1	233-139-2 234-343-4
31	無水四硼酸鈉	Disodium tetraborate, Anhydrous	1330-43-4 12179-04-3 1303-96-4	215-540-4
32	七水四硼酸鈉	Tetraboron disodium Heptaoxide, hydrate	12267-73-1	235-541-3
33	鉻酸鈉	Sodium chromate	7775-11-3	231-889-5
34	鉻酸鉀	Potassium chromate	7789-00-6	232-140-5
35	重鉻酸鉍	Ammonium dichromate	7789-9-5	232-143-1
36	重鉻酸鉀	Potassium dichromate	7778-50-9	231-906-6
37	硫酸鈷	Cobalt sulphate	10124-43-3	233-334-2
38	硝酸鈷	Cobalt dinitrate	10141-05-6	233-402-1
39	碳酸鈷	Cobalt carbonate	513-79-1	208-169-4
40	乙酸鈷	Cobalt diacetate	71-48-7	200-755-8
41	2-甲氧基乙醇	2-Methoxyethanol	109-86-4	203-713-7
42	2-乙氧基乙醇	2-Ethoxyethanol	110-80-5	203-804-1
43	三氧化鉻	Chromium trioxide	1333-82-0	215-607-8
44	從三氧化鉻產生的酸類以及它們的齊物： 鉻酸 重鉻酸 鉻酸和重鉻酸的齊物	Acids generated from chromium trioxide and their oligomers Group containing: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5
45	乙二醇乙醚醋酸酯	2-ethoxyethylacetate	111-15-9	203-839-2
46	鉻酸鈣	strontium chromate	7789-06-2	232-142-6
47	1,2 苯二酸-二(C7-11支鏈直鏈)烷基酯 (DHNUP)	1,2 Benzenedicarboxylic acid di-C7-11-branched and linear alkylesters (DHNUP)	68515-42-4	271-084-6
48	聯氨	Hydrazine	302-01-2 7803-57-8	206-114-9
49	N-甲基吡咯烷酮	1-methyl-2-pyrrolidone	872-50-4	212-828-1
50	1,2,3三氯丙烷	1,2,3-trichloropropane	96-18-4	202-486-1



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51	邻苯二甲酸二C6-8支鏈 烷基酯 (富C7) (DIHP)	1,2-Benzenedicarboxylic acid di-C6-8-branched alkyl esters C7-rich (DIHP)	71888-89-6	276-158-1
52	鉻酸鉻	Dichromium tris(chromate)	24613-89-6	246-356-2
53	氫氧化鉻酸鋅鉀	Potassium hydroxyoctaoxidizncatedi-chromate	11103-86-9	234-329-8
54	鋅黃	Pentazinc chromate octahydroxide	49663-84-5	256-418-0
55	硅鋁酸耐火陶瓷纖維(RCF)	Aluminosilicate Refractory Ceramic Fibres (RCF)	-	-
56	氧化鋯硅酸鋁耐火陶瓷纖維(ZR-RCF)	Zirconia Aluminosilicate Refractory Ceramic Fibres(Zr-RCF)	-	-
57	甲醛與苯胺的低聚反應產物	Formaldehyde,oligomeric reaction products with aniline (tehcnical MDA)	25214-70-4	500-036-1
58	鄰苯二甲酸二甲氧乙酯	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6
59	鄰甲氧苯胺	2-Methoxyaniline;o-Anisdine	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	雙(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	砷酸鈣	Calcium arsenate	7778-44-1	231-904-5
65	砷酸鉛	Trilead diarsenate	3687-31-8	222-979-5
66	N,N-二甲基乙醯胺	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	迭氮化鉛	Lead azide Lead diazide	13424-46-9	236-542-1
70	三硝基苯間二酚鉛	Lead styphnate	15245-44-0	239-290-0
71	三硝基苯酚鉛	Lead dipicrate	6477-64-1	229-335-2
72	1,2二(2-甲氧基乙氧基)乙烷	1,2-bis(2-methoxyethoxy)ethane(TEGDME;triglyme)	112-49-2	203-977-3
73	1,2-二甲氧基乙烷	1,2-dimethoxyethane;ethylene glycol dimethylether(EGDME)	110-71-4	203-794-9



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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	甲磺酸鉛(II)	Lead(II)bis(methanesulfonate)	17570-76-2	401-750-5
77	異氰尿酸三縮水甘油酯	TGLC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3
78	異氰尿酸β-三縮水甘油酯	β-TGLC(1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5-trione)	59653-74-6	423-400-0
79	4,4'-二(N,N-二甲氨基二苯甲酮)(米氏酮)	4,4'-bis(dimethylamino)benzophenone(Michler's ketone)	90-94-8	202-027-5
80	4,4'-(對二甲氨基二苯甲烷)(米氏碱)	N,N,N',N'-tetramethyl-4,4'-methylenedianiline(Michler's base)	101-61-1	202-959-2
81	C.I.碱性紫3	[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
82	C.I.碱性藍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	C.I.溶劑藍4	a,a-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol(C.I.Solvent Blue 4)	6786-83-0	229-851-8
84	4,4'-二(二甲氨基)苯基-4-甲氧基苯甲醇	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2
85	十溴联苯醚	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9
86	全氟十三酸	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2
87	全氟十二烷酸	Tricosafuorododecanoic acid	307-55-1	206-203-2
88	全氟十一烷酸	Henicosafuoroundecanoic acid	2058-94-8	218-165-4
89	全氟十四酸	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4
		4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -		



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90	辛基酚聚醚-9	covering well-defined substances and UVCB substances, polymers and homologues	-	-
91	壬基酚	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	-	-
92	偶氮二甲酰胺	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8
93	六氫邻苯二甲酸酐	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7 · 13149-00-3 · 14166-21-3	201-604-9 · 236-086-3 · 238-009-9
94	甲基六氫苯酐、4-甲基六氫苯酐、甲基六氫化邻苯二甲酸酐、3-甲基六氫苯二甲酯酐	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
95	甲氧基乙酸	Methoxy acetic acid	625-45-6	210-894-6
96	支链和直链1,2-苯二羧二戊酯	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2
97	邻苯二甲酸二异戊酯	Diisopentylphthalate (DIPP)	605-50-5	210-088-4
98	邻苯二甲酸正戊基异戊基酯	N-pentyl-isopentylphthalate	776297-69-9	
99	乙二醇二乙醚	1,2-Diethoxyethane	629-14-1	211-076-1
100	N,N-二甲基甲酰胺	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5
101	二丁基锡	Dibutyltin dichloride (DBT)	683-18-1	211-670-0
102	碱式乙酸铅	Acetic acid, lead salt, basic	51404-69-4	257-175-3
103	碱式碳酸铅	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	215-290-6
104	碱式硫酸铅	Lead oxide sulfate (basic lead sulfate)	12036-76-9	234-853-7
105	二盐基邻苯二甲酸铅	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	69011-06-9	273-688-5
106	双(十八烷基)二氧代三铅	Dioxobis(stearato)trilead	12578-12-0	235-702-8
107	C16-18-脂肪酸铅盐	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7



全漢企業股份有限公司
FSP TECHNOLOGY INC.

台灣桃園市桃園區建國東路22號 統一編號：84236055
No. 22, Jianguo E. Rd., Taoyuan Dist., Taoyuan City 330, Taiwan (R.O.C)
TEL +886-3-375-9858 Website: www.FSP-group.com
FAX +886-3-375-6956 Email: sales@fsp-group.com.tw

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108	氟硼酸鉛	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0
109	氨基氟鉛鹽	Lead cyanamide	20837-86-9	244-073-9
110	硝酸鉛	Lead dinitrate	10099-74-8	233-245-9
111	氧化鉛	Lead oxide (lead monoxide)	1317-36-8	215-267-0
112	四氧化三鉛	Lead tetroxide (orange lead)	1314-41-6	215-235-6
113	鈦酸鉛	Lead titanium trioxide	12060-00-3	235-038-9
114	鈦酸鉛鋅	Lead Titanium Zirconium Oxide	12626-81-2	235-727-4
115	氧化鉛與硫酸鉛的複合物	Pentalead tetraoxide sulphate	12065-90-6	235-067-7
116	顏料黃	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1
117	鉛摻雜的矽钨酸鹽	Silicic acid, barium salt, lead-doped	68784-75-8	272-271-5
118	矽酸鉛	Silicic acid, lead salt	11120-22-2	234-363-3
119	亞硫酸鉛 (II)	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1
120	四乙基鉛	Tetraethyllead	78-00-2	201-075-4
121	三碱式硫酸鉛	Tetralead trioxide sulphate	12202-17-4	235-380-9
122	磷酸氧化鉛	Trilead dioxide phosphonate	12141-20-7	235-252-2
123	呋喃	Furan	110-00-9	203-727-3
124	環氧丙烷	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2
125	硫酸二乙酯	Diethyl sulphate	64-67-5	200-589-6
126	硫酸二甲酯	Dimethyl sulphate	77-78-1	201-058-1
127	3-乙基-2-甲基-2-(3-甲基丁基)噁唑烷	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7
128	地乐酚	Dinoseb	88-85-7	201-861-7
129	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
130	4,4'-二氨基二苯醚	4,4'-oxydianiline and its salts	101-80-4	202-977-0
131	对氨基偶氮苯	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-03	200-453-6



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132	2,4-二氨基甲苯	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1
133	2-甲氧基-5-甲基苯胺	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1
134	4-氨基联苯	Biphenyl-4-ylamine	92-67-1	202-177-1
135	邻氨基偶氮甲苯	o-aminoazotoluene	97-56-3	202-591-2
136	邻甲基苯胺	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0
137	N-甲基乙酰胺	N-methylacetamide	79-16-3	201-182-6
138	溴代正丙烷	1-bromopropane; n-propyl bromide	106-94-5	203-445-0
139	镉	Cadmium	7440-43-9	231-152-8
140	氧化镉	Cadmium oxide	1306-19-0	215-146-2
141	邻苯二甲酸二正戊酯(DPP)	Dipentyl phthalate (DPP)	131-18-0	205-017-9
142	4-壬基酚聚氧乙烯醚	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	-	-
143	全氟辛酸铵(APFO)	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4
144	全氟辛酸 (PFOA)	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9
145	硫化镉	Cadmium sulfide	1306-23-6	215-147-8
146	鄰苯二甲酸二己酯	Di-n-hexyl phthalate	84-75-3	201-559-5
147	CI直接紅28	Congo Red	573-58-0	209-358-4
148	CI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	1937-37-7	217-710-3
149	亞乙基硫脲	2-Imidazolidinethione	96-45-7	202-506-9
150	乙酸鉛	lead acetate	301-04-2	206-104-4
151	磷酸三（二甲苯）酯	trixyllyl phosphate, mixture of isomers	25155-23-1	246-677-8
152	氯化镉	Cadmium chloride	10108-64-2	233-296-7
153	邻苯二甲酸事己酯 (DIHP)	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	68515-50-4	271-093-5



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REACH 224 SVHC SUBSTANCE IDENTIFICATION

	Chinese Name	Substance name	CAS number	EC number
154	过硼酸钠	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	UV-320	2-benzotriazol-2-yl-4,6-di-tert-butylphenol,6-di-tert-butylphenol(UV-320)	3846-71-7	223-346-6
159	UV-328	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8
160	DOTÉ	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTÉ)	15571-58-1	239-622-4
161	DOTÉ 和MOTÉ反应产物	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 ofDOTÉ and MOTÉ)	-	-
162	邻苯二甲酸事 (C6-C10) 烷基酯；(癸基·己基·辛基) 酯不1·2-邻苯二甲酸的复合物且邻苯二甲酸事己酯 (EC 号 201-559-5) 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	271-094-0 272-013-1
163	2-(2,4-事甲基-3-环己基)-5-甲基-5-(1-甲基丙基)-1,3-事氧恶烷[1] 2-(4,6-事甲基-3-环己基)-5-甲基-5-(1-甲基丙基)-1,3-事氧恶烷[2] 及这两个物质的任意组合 (卡拉花醛及其同分异构体·还包括卡拉花醛和其同分异构体的任意组合)	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]	-	-
164	1,3-丙磺酸内酯	1,3-propanesultone	1120-71-4	214-317-9
165	2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚(紫外線吸收劑 UV-327)	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol(UV-350)	3864-99-1	223-383-8



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REACH 224 SVHC SUBSTANCE IDENTIFICATION

	Chinese Name	Substance name	CAS number	EC number
166	2-(3-仲-丁基-5-叔丁基-2-羥苯基)苯并三唑(紫外線吸收劑UV-350)	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol(UV-327)	36437-37-3	253-037-1
167	硝基苯	Nitrobenzene	98-95-3	202-716-0
168	全氟壬酸	Perfluorononan-1-oic acid(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluorononanoicacid and its sodium and ammonium salts	375-95-1; 21049-39-8; 4149-60-4	206-801-3
169	苯并芘	Benzo[def]chrysens	50-32-8	200-028-5
170	4,4'-異亞丙基雙酚A (BPA)	4·4-isopropyl bisphenol A(BPA)	80-05-7	201-245-8
171	全氟癸酸 (PFDA) 及其鈉鹽和銨鹽	Perfluorodecanoic acid(PFDA)and its sodium salt and ammonium salt	335-76-2 3830-45-3 3108-42-7	206-400-3 221-470-5
172	對-(1,1-二甲基丙基)酚 (對叔戊基苯酚) (PTAP)	on-(1,1.Methyl propyl)phenol(TERT amylphenol)(PTAP)	80-46-6	201-280-9
173	支鏈不直鏈的4-庚基苯酚 (4-HPbl)	4-heptyl phenol support straight chain(4HPbl)	-	-
174	全氟己基磺酸及其鹽類 (PFHxS)	Perfluorohexane-1-sulphonic acid and its salts	-	-
175	德克隆[包括所有反式和順式異構體及其組合]	Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof)	13560-89-9; 135821-74-8; 135821-03-3	-
176	苯并[a]蒽	Benz[a]anthracene	56-55-3	200-280-6
177	硝酸鎘	Cadmium nitrate	10325-94-7	233-710-6
178	碳酸鎘	Cadmium carbonate	513-78-0	208-168-9
179	氫氧化鎘	Cadmium hydroxide	21041-95-2	244-168-5
180	屈	Chrysene	218-01-9	205-923-4



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REACH 224 SVHC SUBSTANCE IDENTIFICATION

	Chinese Name	Substance name	CAS number	EC number
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]	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]	-	-
182	八甲基環四硅氧烷 (D4)	Octamethylcyclotrisiloxane (D4)	556-67-2	209-136-7
183	十甲基環戊硅氧烷 (D5)	Decamethylcyclopentane (D5)	541-02-6	208-764-9
184	十二甲基環己硅氧烷 (D6)	Dodecyl cyclohexasiloxane (D6)	540-97-6	208-762-8
185	鉛	lead	7439-92-1	231-100-4
186	四水八硼酸二鈉	Disodium tetraborate	12008-41-2	234-541-0
187	苯并(G,H,I)花	Benzo (G, H, I))	191-24-2	205-883-8
188	氫化三聯苯	Triphenyl hydride	61788-32-7	262-967-7
189	乙（撐）二胺(EDA)	Ethylenediamine (EDA)	107-15-3	203-468-6
190	偏苯三酸酐 (TMA)	Polyphenyltrianhydride (TMA)	552-30-7	209-008-0
191	鄰苯二甲酸二環己酯 (DCHP)	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9
192	1,7,7-三甲基-3-（苯基亞甲基）雙環[2.2.1]庚烷-2-酮	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9
193	苯并(k)芘	Benzo (k) fluoranthene	207-08-9	205-916-6
194	芘	fluoranthene	206-44-0	205-912-4
195	菲	Phenanthrene	85-01-8	201-581-5
196	芘	Pyrene	129-00-0	204-927-3
197	2,2-雙（4-羥基苯基）-4-甲基戊烷	2,2-bis(4-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1
198	2-甲氧基乙酸乙酯	2-methoxyethyl acetate	110-49-6	203-772-9
199	三（壬基苯基，支鏈和直鏈）亞磷酸酯（TNPP），含有≥0.1% w/w的4-壬基酚，支鏈和直鏈（4-NP）	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-



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REACH 224 SVHC SUBSTANCE IDENTIFICATION

	Chinese Name	Substance name	CAS number	EC number
200	2,3,3,3-四氫-2-（七氟丙氧基）丙酸及其盐和酰卤化物（包括它們各自的異構體及其組合）	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	-
201	4-叔丁基苯酚 (PTBP)	4-tert-butylphenol	98-54-4	202-679-0
202	鄰苯二甲酸二異辛酯	Diisohexyl phthalate	71850-09-4	276-090-2
203	2-苄基-2-二甲氨基-4'-嗎啉丁基甲酚	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3
204	2-甲基-1-（4-甲基硫苯基）-2-嗎啉丙烷-1-酮	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6
205	全氟代丁酸及其鹽類	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-
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	4-羥基苯甲酸丁酯	Butyl 4-hydroxybenzoate	94-26-8	202-318-7
209	二正丁基雙(乙醯丙酮基)錫	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	二月桂酸二辛基錫，錫烷，二辛基-，雙椰油醯氧基衍生物，及其它錫烷，二辛基-，雙脂肪醯氧基衍生物（其中C12為脂肪醯氧基部分的主要碳原子數）	Diocetyl tin 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	1,4-二氧六環	1,4-dioxane	123-91-1	204-661-8
213	2,2-雙(溴甲基)-1,3-丙二醇	2,2-bis(bromomethyl)propane1,3-diol (BMP)	3296-90-0	221-967-7
	3-溴-2,2-雙(溴甲基)-1-丙醇	2,2-dimethylpropan-1-ol, tribromo derivative / 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	36483-57-5/ 1522-92-5	253-057-0
	2,3-二溴-1-丙醇	2,3-dibromo-1-propanol (2,3-DBPA)	96-13-9	202-480-9



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214	2-(4-叔丁基苄基)丙醛及其各自立體異構物	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers ●2-(4-tert-butylbenzyl)propionaldehyde ●(2S)-3-(4-tert-butylphenyl)-2-methylpropanal ●(2R)-3-(4-tert-butylphenyl)-2-methylpropanal	80-54-6 75166-30-2 75166-31-3	201-289-8
215	雙酚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	中鏈氯化石蠟[UVCB物質，含量大於或等於80%碳鏈長度在C14至C17範圍內的直鏈氯代烷烴]	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] ●Alkanes, C14-17, chloro ●Tetradecane, chloro derivs. ●Alkanes, C14-16, chloro ●di-, tri- and tetrachlorotetradecane	85535-85-9 198840-65-2 1372804-76-6	287-477-0 - - 950-299-5
218	硼酸鈉鹽(群組)	Orthoboric acid, sodium salt (group) ●Boric acid, sodium salt ●Orthoboric acid, sodium salt ●boric acid (H3BO3), sodium salt,hydrate ●Boric acid (H3BO3), sodium salt (1:1) ●Boric acid (H3BO3), disodium salt ●Trisodium orthoborate	1333-73-9 13840-56-7 25747-83-5 14890-53-0 22454-04-2 14312-40-4	215-604-1 237-560-2 - - - 238-253-6
219	經由低聚合反應烷基化的苯酚產物(主要在對位位置)帶有12個碳的支鏈或直鏈，並涵蓋各種同分異構物及/或其各種組合	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) ●phenol, (tetrapropenyl) derivatives ●Phenol, 4-isododecyl ●Phenol, dodecyl-, branched ●Phenol, 4-isododecyl ●Phenol, tetrapropylene ●phenol, 4-dodecyl-, branched	74499-35-7 27147-75-7 - 27459-10-5 57427-55-1 210555-94-5	310-154-3
220	(±)-1,7,7-三甲基-3-[(4-甲基苄基)亞甲基]雙環[2.2.1]庚-2-酮，包括任何單獨的異構體和/或其組合(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 (4-MBC)	-	-



全漢企業股份有限公司
FSP TECHNOLOGY INC.

台灣桃園市桃園區建國路22號 統一編號：84239055
No. 22, Jianguo E. Rd., Taoyuan Dist., Taoyuan City 330, Taiwan (R.O.C)
TEL: +886-3-375-9688 Website: www.FSP-group.com
FAX: +886-3-375-9686 Email: sales@fsp-group.com.tw

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221	2,2'-亞甲雙-(4-甲基-6-叔丁基苯酚)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	204-327-1
222	S-(三環[5.2.1.0' ² .0' ² .6]癸-3-烯-8(或9)-基)O-(異丙基或異丁基或2-乙基己基)O-(異丙基或異丁基或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	-
223	乙烯基-三(2-甲氧基乙氧基)硅烷	tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0
224	N-羥甲基丙烯酸酰胺	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2

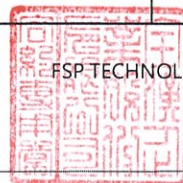
我司產品在生產制程中不添加化學物質氧化鉛，但部分DIODE中含有1000PPM-613500PPM左右的氧化鉛，適用RoHS排除條款第七條，電子電氣器件的玻璃或陶瓷（電容中介陶瓷除外）中的鉛，或玻璃或陶瓷複合材料中的鉛（例如：壓電陶瓷器件）；部分DIODE中含有30000PPM左右的Diboron trioxide，部分DIODE中還含有925000PPM的鉛，適用RoHS排除條款第七條，高熔點鋅錫中的鉛（例如鉛含量≥85%合金中的鉛）；部分螺絲及金屬外殼中含有3000PPM的鉛，適用RoHS排除條款第六條，加工用途之鋼材及鍍鋅鋼的合金元素中，鉛含量不超過0.35%；部分銅合金材料中含有40000PPM的鉛，適用RoHS排除條款第六條，銅合金中的鉛不超過4%；硅膠材料中含有八甲基環四硅氧烷（D4），十甲基環五硅氧烷（D5），十二甲基環己烷（D6）約5000ppm；Formex N1 / N3/DFR117 /KLX FRPC-1880B系列PC材料含PFBS約3000ppm；部分橡膠絕緣體PSA 2501膠水材質含有八甲基環四硅氧烷約50000ppm；部分EVA材質中含有9000ppm的1,1'-偶氮雙甲酰胺；部分磁材ADHESIVE含有2-甲基咪唑（膠水固化劑）約3000ppm；部分風扇防焊油墨含有2-甲基-4'-（甲硫基）-2-嗎啉丙酮類、異氰尿酸三縮水甘油酯但印刷電路板中小於1000ppm；但以整機重量計是能符合小於1000PPM要求的。

Our products do not add chemical lead oxide in the production process, but some DIODE contains about 1000PPM to 613500 PPM of lead oxide. Article 7 of RoHS exclusion clause applies to lead in glass or ceramics of electronic and electrical devices (except dielectric ceramics in capacitors), or lead in glass or ceramic composite materials (e.g. piezoelectric ceramic devices); Some DIODE contains about 30000PPM of Diboron trioxide, and some DIODE also contains 925000PPM of lead. Article 7 of RoHS exclusion clause applies. Lead in high melting point solder (for example, lead in alloy with lead content ≥ 85%); some screws and metal shells contain 3000PPM of lead. Article 6 of RoHS exclusion clause applies. Lead content in alloy elements of steel and galvanized steel for processing purposes shall not exceed 0.35%; Some copper alloy materials contain 40000PPM lead, which is applicable to Article 6 of RoHS exclusion clause. The lead in copper alloy is not more than 4%, The silica gel material contains about 5000ppm of Octamethylcyclotetrasiloxane (D4), Decamethylcyclopentane (D5) and Dodecyl cyclohexasiloxane (D6); Formex N1 / N3 /DFR117 series PC materials contain about 3000ppm PFBS; Some INSULATOR RUBBER PSA 2501 glue materials contain about 50000ppm octamethylcyclotetrasiloxane; Some EVA materials contain 9000 ppm Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)); Some magnetic materials adhesive contain about 3000ppm of 2-methylimidazole (glue curing agent), and some fan soldering inks contain 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one、TGLC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione), but they are less than 1000ppm in printed circuit boards; but it can meet the requirements of less than 1000PPM based on the weight of the whole machine.

如下四家供應商未簽回聲明函，故其交貨材料不予保證。

The following four suppliers have not signed the acknowledgement letter, so their delivery materials are not guaranteed.

A1970世欣企業有限公司	A0985新永和股份有限公司		
A0544欣緯股份有限公司	F1196上揚印刷有限公司		



Authorized signature

2022.11.11