



## Declaration to Free from EU REACH:SVHC

### REACH SVHC DECLARATION 宣告書

\_\_\_\_\_ (以下簡稱本公司) 聲明提供予 \_\_\_\_\_ (以下簡稱貴公司) 之 \_\_\_\_\_ (產品型號) 產品(以下簡稱產品), 包含任何零組件、半成品、成品等, 製造期間, SVHC 皆不曾主動加入製程中, 並基於我們在供應鏈中收集資訊, 將結果發佈如下選項。

\_\_\_\_\_ (hereinafter called "Warrantor") warrants that \_\_\_\_\_ (產品型號) (hereinafter called "products"), including (but not limited to) components, semi-finished products, finished products, raw materials and packaging materials, provided by Warrantor to \_\_\_\_\_ (hereinafter called "Warranty"), at its manufacturing period, the listed substance (SVHC) are not intentionally added to those products, based on the current available information as collected throughout our supply chain, the survey results as follows:

均不含 EU REACH:SVHC(高關注物質) 224 項有害物質清單中。

Don't contain the 224 harmful materials listed in EU REACH: SVHC.

可能有部份物質超過限值, 請參閱如下表備註。

Some substances may exceed limited value, Please refer to the table below for remarks.

危險物質名稱 Substance Name		化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value
1	Anthracene ( 蒽 )	120-12-7	204-371-1	< 1000ppm
2	4,4'-Diaminodiphenylmethane ( 4,4-二氨基二苯甲烷 )	101-77-9	202-974-4	< 1000ppm
3	Dibutyl phthalate ( 鄰苯二甲酸二丁酯(DBP) )	84-74-2	201-557-4	< 1000ppm
4	Benzyl butyl phthalate ( 鄰苯二甲酸丁酯苯酯(BBP) )	85-68-7	201-622-7	< 1000ppm
5	Bis (2-ethyl(hexyl)phthalate) ( 鄰苯二甲酸二(2-乙基己基)酯(DEHP) )	117-81-7	204-211-0	< 1000ppm
6	5-tert-butyl-2,4,6-trinitro-m-xylene(musk sylene) ( 二甲苯麝香 )	81-15-2	201-329-4	< 1000ppm
7	Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD) 六溴環十二烷及其同素異構物( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD)*1	25637-99-4 3194-55-6 (134237-50-6,134237-51-7,134237-52-8)	247-148-4 and 221-695-9	< 1000ppm
8	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短鏈氯化石蠟(C10-13)	85535-84-8	287-476-5	< 1000ppm
9	Bis (tributyltin)oxide ( 氧化雙三丁基錫 )	56-35-9	200-268-0	< 1000ppm
10	Cobalt dichloride ( 二氧化鈷 )	7646-79-9	231-589-4	< 1000ppm



## Declaration to Free from EU REACH:SVHC

### REACH SVHC DECLARATION 宣告書

危險物質名稱 Substance Name		化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value
11	Diarsenic pentaoxide (五氧化二砷)	1303-28-2	215-116-9	<1000ppm
12	Diarsenic trioxide (三氧化二砷)	1327-53-3	215-481-4	<1000ppm
13	Triethyl arsenate (三乙基砷酸鹽)	15606-95-8	427-700-2	<1000ppm
14	Lead hydrogen arsenate (砷酸氫鉛)	7784-40-9	232-064-2	<1000ppm
15	Sodium dichromate, dihydrate (重鉻酸鈉二水化合物)	10588-01-9 7789-12-0	234-190-3	<1000ppm
16	Anthracene oil (蒽油)	90640-80-5	292-602-7	<1000ppm
17	Anthracene oil, anthracene paste, distn. Lights (蒽油, 蒽糊, 輕油)	91995-17-4	295-278-5	<1000ppm
18	Anthracene oil, anthracene paste, anthracene fraction (蒽油, 蒽糊, 蒽餾分)	91995-15-2	295-275-9	<1000ppm
19	Anthracene oil, anthracene-low (蒽油, 含蒽量少)	90640-82-7	292-604-8	<1000ppm
20	Anthracene oil, anthracene paste (蒽油, 蒽糊)	90640-81-6	292-603-2	<1000ppm
21	Pitch, coal tar, high temp (高溫煤焦油瀝青)	65996-93-2	266-028-2	<1000ppm
22	2,4-Dinitrotoluene (2,4-二硝基甲苯)	121-14-2	204-450-0	<1000ppm
23	Diisobutyl phthalate (鄰苯二甲酸二異丁酯)	84-69-5	201-553-2	<1000ppm
24	Lead chromate (鉻酸鉛)	7758-97-6	231-846-0	<1000ppm
25	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) 紅色鉻酸鉛硫酸鹽; 顏色索引: 顏料紅 104	12656-85-8	235-759-9	<1000ppm
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34) 黃色硫化鉻酸鉛; 顏色索引: 顏料黃 34	1344-37-2	215-693-7	<1000ppm
27	tris(2-chloroethyl)phosphate (磷酸三(2-氯乙基)酯)	115-96-8	204-118-5	<1000ppm
28	Acrylamide (丙烯醯胺)	79-06-01	201-173-7	<1000ppm
29	Trichloroethylene (三氯乙烯)	79-01-06	201-167-4	<1000ppm
30	Boric acid (硼酸)	10043-35-3 11113-50-1	233-139-2 234-343-4	*備註說明
31	Disodium tetraborate, anhydrous (四硼酸鈉, 無水)	1303-96-4 1330-43-4 12179-04-3	215-540-4	<1000ppm
32	Tetraboron disodium heptaoxide, hydrate (四硼酸鈉, 水合物)	12267-73-1	235-541-3	<1000ppm



## Declaration to Free from EU REACH:SVHC

### REACH SVHC DECLARATION 宣告書

危險物質名稱 Substance Name		化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value	
33	Sodium chromate(鉻酸鈉)	7775-11-3	231-889-5	< 1000ppm	
34	Potassium chromate (鉻酸鉀)	7789-00-6	232-140-5	< 1000ppm	
35	Ammonium dichromate (重鉻酸銨)	7789-09-5	232-143-1	< 1000ppm	
36	Potassium dichromate (重鉻酸鉀)	7778-50-9	231-906-6	< 1000ppm	
37	Cobalt(II) sulphate 硫酸鈷(二價)	10124-43-3	233-334-2	< 1000ppm	
38	Cobalt(II) dinitrate 硝酸鈷(二價)	10141-05-6	233-402-1	< 1000ppm	
39	Cobalt(II) carbonate 碳酸鈷(二價)	513-79-1	208-169-4	< 1000ppm	
40	Cobalt(II) diacetate 醋酸鈷(二價)	71-48-7	200-755-8	< 1000ppm	
41	2-Methoxyethanol 2-甲氧基乙醇	109-86-4	203-713-7	< 1000ppm	
42	2-Ethoxyethanol 2-乙氧基乙醇	110-80-5	203-804-1	< 1000ppm	
43	Chromium reioxide 三氧化鉻	1333-82-0	215-607-8	< 1000ppm	
44	Acids generated from chromium trioxide and their oligomers 鉻酸及其寡聚體產生的酸類	Chromic acid 鉻酸	7738-94-5	231-801-5	< 1000ppm
		Dichromic acid 重鉻酸	13530-68-2	236-881-5	< 1000ppm
		Oligomers of chromic acid and dichromic acid 鉻酸及重鉻酸的寡聚體	7738-94-5 13530-68-2	231-801-5 236-881-5	< 1000ppm
45	2-ethoxyethyl acetate 乙酸-2-乙氧基乙酯	111-15-9	203-839-2	< 1000ppm	
46	Strontium chromate 鉻酸鋇	7789-06-2	232-142-6	< 1000ppm	
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNU) 鄰苯二甲酸二(C7-11 支鏈與直鏈)烷基酯	68515-42-4	271-084-6	< 1000ppm	
48	Hydrazine 肼	7803-57-8 302-01-2	206-114-9	< 1000ppm	
49	1-methyl-2-pyrrolidone N-甲基吡咯烷酮	872-50-4	212-828-1	< 1000ppm	
50	1,2,3-trichloropropane 1,2,3-三氯丙烷	96-18-4	202-486-1	< 1000ppm	
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) 鄰苯二甲酸二(C6-8 支鏈與直鏈)烷基酯，富 C7	71888-89-6	276-158-1	< 1000ppm	
52	Dichromium tris(chromate) 鉻酸鉻	24613-89-6	246-356-2	< 1000ppm	
53	Potassium hydroxyoctaoxodizincatedi-chromate 氫氧化鉻酸鋅鉀	11103-86-9	234-329-8	< 1000ppm	



## Declaration to Free from EU REACH:SVHC

### REACH SVHC DECLARATION 宣告書

危險物質名稱 Substance Name		化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value
54	Pentazinc chromate octahydroxide C.I.顏料黃 36	49663-84-5	256-418-0	<1000ppm
55	Aluminosilicate Refractory Ceramic Fibres (RCF) 矽酸鋁耐火陶瓷纖維**	—	—	<1000ppm
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)氧 化鋯矽酸耐火陶瓷纖維**	650-017-00-8	—	<1000ppm
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)甲醛和苯胺聚合物	25214-70-4	500-036-1	<1000ppm
58	Bis(2-methoxyethyl) phthalate 鄰苯二甲酸二甲氧乙酯	117-82-8	204-212-6	<1000ppm
59	2-Methoxyaniline; o-Anisidine 鄰甲氧基苯胺	90-04-0	201-963-1	<1000ppm
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol) 對特辛基苯酚	140-66-9	205-426-2	<1000ppm
61	1,2-Dichloroethane 1,2-二氯乙烷	107-06-2	203-458-1	<1000ppm
62	Bis(2-methoxyethyl) ether 二甘醇二甲醚	111-96-6	203-924-4	<1000ppm
63	Arsenic acid 砷酸	7778-39-4	231-901-9	<1000ppm
64	Calcium arsenate 砷酸鈣	7778-44-1	231-904-5	<1000ppm
65	Trilead diarsenate 砷酸鉛	3687-31-8	222-979-5	<1000ppm
66	N,N-dimethylacetamide (DMAC) N,N -二甲基乙醯胺	127-19-5	204-826-4	<1000ppm
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA) 4,4'-二氨基-3,3'-二氯二苯甲烷,	101-14-4	202-918-9	<1000ppm
68	Phenolphthalein 酚酞	77-09-8	201-004-7	<1000ppm
69	Lead azide Lead diazide 疊氮化鉛	13424-46-9	236-542-1	<1000ppm
70	Lead styphnate 收斂酸鉛	15245-44-0	239-290-0	<1000ppm
71	Lead dipicrate 苦味酸鉛	6477-64-1	229-335-2	<1000ppm
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) 三甘醇二甲醚	112-49-2	203-977-3	<1000ppm
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) 乙二醇二甲醚	110-71-4	203-794-9	<1000ppm
74	Diboron trioxide 三氧化二硼	1303-86-2	215-125-8	<1000ppm
75	Formamide 甲醯胺	75-12-7	200-842-0	<1000ppm
76	Lead(II) bis(methanesulfonate) 甲基磺酸鉛	17570-76-2	401-750-5	<1000ppm



## Declaration to Free from EU REACH:SVHC

### REACH SVHC DECLARATION 宣告書

危險物質名稱 Substance Name	化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value
77 TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione) 異氰尿酸三縮水甘油酯	2451-62-9	219-514-3	< 1000ppm
78 β-TGIC (1,3,5-tris[2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) 異氰尿酸 β-三縮水甘油酯	59653-74-6	423-400-0	< 1000ppm
79 4,4'-bis(dimethylamino)benzophenone (Michler's ketone) 4,4'-二(N,N-二甲氨基)二苯甲酮 (米氏酮)	90-94-8	202-027-5	< 1000ppm
80 N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) 4,4'-(对二甲氨基)二苯基甲烷 (米氏鹼)	101-61-1	202-959-2	< 1000ppm
81 [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) 鹼性紫 3	548-62-9	208-953-6	< 1000ppm
82 [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl] methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) 鹼性藍 26	2580-56-5	219-943-6	< 1000ppm
83 a,a-Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) 溶劑藍 4	6786-83-0	229-851-8	< 1000ppm
84 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol a,a-二[(二甲氨基)苯基]-4-甲氨基苯甲醇	561-41-1	209-218-2	< 1000ppm
85 Bis(pentabromophenyl) ether (DecaBDE) 十溴聯苯醚	1163-19-5	214-604-9	< 1000ppm
86 Pentacosafuorotridecanoic acid 全氟十三酸	72629-94-8	276-745-2	< 1000ppm
87 Tricosafuorododecanoic acid 全氟十二酸	307-55-1	206-203-2	< 1000ppm
88 Henicosafuoroundecanoic acid 全氟十一酸	2058-94-8	218-165-4	< 1000ppm
89 Heptacosafuorotetradecanoic acid 全氟十四酸	376-06-7	206-803-4	< 1000ppm
90 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues 4-(1,1,3,3-四甲基丁基)苯酚, 乙氧基 - 以及所有的被定義的物質, 未知成分或可變成分的物質, 聚合物和同系物	—	—	< 1000ppm



## Declaration to Free from EU REACH:SVHC

### REACH SVHC DECLARATION 宣告書

危險物質名稱 Substance Name	化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value
91 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 支鏈及直鏈壬基酚·包括含有 9 個碳烷基鏈的所有獨立的同分異構體和所有含有線性或分支 9 個碳烷基鏈的 UVCB 物質	質(	—	< 1000ppm
92 Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) 偶氮[二]甲醯胺	123-77-3	204-650-8	< 1000ppm
93 Cyclohexane-1,2-dicarboxylic anhydride (HHPA), cis-cyclohexane-1,2-dicarboxylic anhydride,trans-cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA) 六氫苯二甲酸酐	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9	< 1000ppm
94 Hexahydromethylphthalic anhydride 甲基六氫苯酐 Hexahydro-4-methylphthalic anhydride 4-甲基六氫苯酐 Hexahydro-1-methylphthalic anhydride 1-甲基六氫苯酐 Hexahydro-3-methylphthalic anhydride 3-甲基六氫苯酐	25550-51-0	247-094-1	< 1000ppm
	19438-60-9	243-072-0	< 1000ppm
	48122-14-1	256-356-4	< 1000ppm
	57110-29-9	260-566-1	< 1000ppm
95 Methoxy acetic acid 甲氧基乙酸	625-45-6	210-894-6	< 1000ppm
96 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear 支鏈和直鏈 1,2-苯二羧二戊酯	84777-06-0	284-032-2	< 1000ppm
97 Diisopentylphthalate 鄰苯二甲酸二異戊酯	605-50-5	210-088-4	< 1000ppm
98 N-pentyl-isopentylphthalate 鄰苯二甲酸正戊基異戊基酯	776297-69-9	—	< 1000ppm
99 1,2-Diethoxyethane 乙二醇二乙醚	629-14-1	211-076-1	< 1000ppm
100 N,N-dimethylformamide N,N-二甲基甲醯胺	68-12-2	200-679-5	< 1000ppm
101 Dibutyltin dichloride (DBTC) 二氯二丁基錫	683-18-1	211-670-0	< 1000ppm
102 Acetic acid, lead salt, basic 城式醋酸鉛	51404-69-4	257-175-3	< 1000ppm
103 Trilead bis(carbonate)dihydroxide (basic lead carbonate) 城式碳酸鉛	1319-46-6	215-290-6	< 1000ppm
104 Lead oxide sulfate 城式硫酸鉛	12036-76-9	234-853-7	< 1000ppm
105 [Phthalato(2-)]dioxotrilead [1,2-苯二羧酸根合]三氧化三鉛	69011-06-9	273-688-5	< 1000ppm



## Declaration to Free from EU REACH:SVHC

### REACH SVHC DECLARATION 宣告書

危險物質名稱 Substance Name		化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value
106	Dioxobis(stearato)trilead 雙(十八酸基)二氧化三鉛	12578-12-0	235-702-8	< 1000ppm
107	Fatty acids, C16-18, lead salts C16-18-脂肪酸鉛鹽	91031-62-8	292-966-7	< 1000ppm
108	Lead cyanamidate 氨基氰鉛鹽	20837-86-9	244-073-9	< 1000ppm
109	Lead dinitrate 硝酸鉛	10099-74-8	233-245-9	< 1000ppm
110	Lead oxide (lead monoxide) 氧化鉛	1317-36-8	215-267-0	< 1000ppm
111	Lead tetroxide (orange lead) 四氧化鉛	1314-41-6	215-235-6	< 1000ppm
112	Pentalead tetraoxide sulphate 氧化鉛與硫酸鉛的複合物	12065-90-6	235-067-7	< 1000ppm
113	Silicic acid, lead salt 矽酸鉛	11120-22-2	234-363-3	< 1000ppm
114	(II) Sulfurous acid, lead salt, dibasic 亞硫酸鉛	62229-08-7	263-467-1	< 1000ppm
115	Tetraethyllead 四乙基鉛	78-00-2	210-075-4	< 1000ppm
116	Tetralead trioxide sulphate 三鹼式硫酸鉛/ C.I. 顏料白	12202-17-4	235-380-9	< 1000ppm
117	Lead bis(tetrafluoroborate) 四氟硼酸鉛(II)	13814-96-5	237-486-0	< 1000ppm
118	Lead titanium trioxide 鈦酸鉛	12060-00-3	235-038-9	< 1000ppm
119	Lead Titanium Zirconium Oxide 鈦酸鉛鋯	12626-81-2	235-727-4	< 1000ppm
120	Pyrochlore, antimony lead yellow C.I.顏料黃 41	8012-00-8	232-382-1	< 1000ppm
121	Trilead dioxide phosphonate 磷酸氧化鉛	12141-20-7	235-252-2	< 1000ppm
122	Silicic acid, barium salt, lead-doped 含鉛的矽酸鋇	68784-75-8	272-271-5	< 1000ppm
123	Furan 呋喃	110-00-9	203-727-3	< 1000ppm
124	Propylene oxide; 1,2-epoxypropane; methyloxirane 環氧丙烷	75-56-9	200-879-2	< 1000ppm
125	Diethyl sulphate 硫酸二乙酯	64-67-5	200-589-6	< 1000ppm
126	Dimethyl sulphate 硫酸二甲酯	77-78-1	201-058-1	< 1000ppm
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine 3-乙基-2-甲基-2-(3-甲基丁基)-1,3-惡唑烷	143860-04-2	421-150-7	< 1000ppm
128	Dinoseb 2-(1-甲基丙基)-4,6-二硝基苯酚	88-85-7	201-861-7	< 1000ppm
129	4,4'-methylenedi-o-toluidine 4,4'-二氨基-3,3'-二甲基聯苯基甲烷	838-88-0	212-658-8	< 1000ppm
130	4,4'-oxydianiline and its salts 4,4'-二氨基二苯醚	101-80-4	202-977-0	< 1000ppm
131	4-Aminoazobenzene 4-胺基偶氮苯	60-09-3	200-453-6	< 1000ppm





## Declaration to Free from EU REACH:SVHC

### REACH SVHC DECLARATION 宣告書

危險物質名稱 Substance Name		化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine) 2,4-二氨基 甲苯	95-80-7	202-453-1	< 1000ppm
133	6-methoxy-m-toluidine (p-cresidine) 3-甲基-6-甲氧基苯胺	120-71-8	204-419-1	< 1000ppm
134	Biphenyl-4-ylamine 4-胺基聯苯	92-67-1	202-177-1	< 1000ppm
135	o-aminoazotoluene 鄰氨基偶氮甲苯	97-56-3	202-591-2	< 1000ppm
136	o-Toluidine; 2-Aminotoluene 鄰甲苯胺	95-53-4	202-429-0	< 1000ppm
137	N-methylacetamide N-甲基乙醯胺	79-16-3	201-182-6	< 1000ppm
138	1-bromopropane 正丙基溴	106-94-5	203-445-0	< 1000ppm
139	Cadmium 鎘	7440-43-9	231-152-8	< 1000ppm
140	Cadmium oxide 氧化鎘	1306-19-0	215-146-2	< 1000ppm
141	Ammoniumpentadecafluorooctanoate (APFO) 全氟辛酸銨	3825-26-1	223-320-4	< 1000ppm
142	Pentadecafluorooctanoic acid (PFOA) 全氟辛酸	335-67-1	206-397-9	< 1000ppm
143	Dipentyl phthalate (DPP) 鄰苯二甲酸二戊酯	131-18-0	205-017-9	< 1000ppm
144	4-Nonylphenol, branched and linear, ethoxylated 支鏈及直鏈乙氧基壬基酚- [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 包括含有9個碳烷基鏈及所有含有含直鏈或支鏈之9個碳烷基 鏈 UVCB 物質、聚合物及同系物，包括獨立同分異構物及複 合物	—	—	< 1000ppm
145	Cadmium sulphide 硫化鎘	1306-23-6	215-147-8	< 1000ppm
146	Dihexyl phthalate 鄰苯二甲酸二己酯	84-75-3	201-559-5	< 1000ppm
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-s ulphonate) (C.I. Direct Red 28) 直接紅 28	573-58-0	209-358-4	< 1000ppm





## Declaration to Free from EU REACH:SVHC

### REACH SVHC DECLARATION 宣告書

危險物質名稱 Substance Name		化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value
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) 直接黑 38	1937-37-7	217-710-3	< 1000ppm
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol 亞乙基硫脲	96-45-7	202-506-9	< 1000ppm
150	Lead di(acetate) 醋酸鉛	301-04-2	206-104-4	< 1000ppm
151	Trixylyl phosphate 磷酸三(二甲苯)酯	25155-23-1	246-677-8	< 1000ppm
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 鄰苯二甲酸二己酯(支鏈和直鏈)	68515-50-4	271-093-5	< 1000ppm
153	Sodium perborate; perboric acid, sodium salt 過硼酸鈉	—	239-172-9; 234-390-0	< 1000ppm
154	Sodium peroxometaborate 過氧偏硼酸鈉	7632-04-4	231-556-4	< 1000ppm
155	Cadmium chloride 氯化鎘	10108-64-2	233-296-7	< 1000ppm
156	Cadmium fluoride 氟化鎘	7790-79-6	232-222-0	< 1000ppm
157	Cadmium sulphate 硫化鎘	10124-36-4; 31119-53-6	233-331-6	< 1000ppm
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) 2-[2-羥基-3',5'-二-叔-丁基苯基]-苯並三唑	3846-71-7	223-346-6	< 1000ppm
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) 2-(2'-羥基-3',5'-二-叔-戊基苯基)苯並三唑	25973-55-1	247-384-8	*備註說明
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) 二正辛基-双(2-乙基己基巰基乙酸酯)錫	15571-58-1	239-622-4	< 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) 二正辛基-双(2-乙基己基巰基乙酸酯)錫和單辛基-三(2-乙基己基巰基乙酸酯)錫的反應物	—	—	< 1000ppm



## Declaration to Free from EU REACH:SVHC

### REACH SVHC DECLARATION 宣告書

危險物質名稱 Substance Name		化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value
162	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 鄰苯二甲酸二(C6-C6)烷基酯：(癸基，己基，辛基)酯與1,2-鄰苯二甲酸的複合物且鄰苯二甲酸二己酯含量 $\geq 0.3\%$	68515-51-5 68648-93-1	271-094-0 272-013-1	< 1000ppm
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] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof] 5-仲丁基-2-(2,4-二甲基環己-3-烯-1-基)-5-甲基-1,3-二惡烷[1]，5-仲丁基-2-(4,6-二甲基環己-3-烯-1-基)-5-甲基-1,3-二惡烷[2] [覆蓋任何[1]和[2]或者其任意組合的單獨的異構體（卡拉花醛及其同分易構物）]	—	—	< 1000ppm
164	Nitrobenzene 硝基苯	98-95-3	202-716-0	< 1000ppm
165	2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) 2,4-二-叔丁基-6-(5-氯代苯并三唑-2-基)苯酚	3864-99-1	223-383-8	< 1000ppm
166	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) 2-(2H-苯並三唑-2-基)-4-(叔丁基)-6-(仲丁基)苯酚	36437-37-3	253-037-1	< 1000ppm
167	1,3-Propanesultone 1,3-丙烷磺內酯	1120-71-4	214-317-9	< 1000ppm
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts 全氟壬酸及其鈉鹽和銨鹽	375-95-1 21049-39-8 4149-60-4	206-801-3	< 1000ppm
169	Benzo[def]chrysene(Benzo[a]pyrene) (苯并[a]芘)	50-32-8	200-028-5	< 1000ppm
170	4,4'-isopropylidenediphenol (bisphenol A) 雙酚 A	80-05-7	201-245-8	< 1000ppm
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 isomers or a combination thereof] 4-庚基苯酚，支鍊及直鍊 包括含有 7 個碳烷基鏈的所有獨立的同分異構體和所有含有線性或分支 7 個碳烷基鏈的 UVCB 物質	—	—	< 1000ppm



## Declaration to Free from EU REACH:SVHC

### REACH SVHC DECLARATION 宣告書

危險物質名稱 Substance Name		化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts 十九氟癸酸及其鈉和銨鹽	3108-42-7 335-76-2 3830-45-3	206-400-3 221-470-5	< 1000ppm
173	p-(1,1-dimethylpropyl)phenol 對(1,1-二甲基丙基)苯酚	80-46-6	201-280-9	< 1000ppm
174	Perfluorohexane-1-sulphonic acid and its salts, PFHxS 全氟己-1-磺酸及其鹽類	—	—	< 1000ppm
175	Chrysene 1,2-苯并菲; (【***快】)	218-01-9	205-923-4	< 1000ppm
176	Benz[a]anthracene 苯[a]蒽	56-55-3	200-280-6	< 1000ppm
177	Cadmium nitrate 硝酸鎘	10325-94-7	233-710-6	< 1000ppm
178	Cadmium hydroxide 氫氧化鎘	21041-95-2	244-168-5	< 1000ppm
179	Cadmium carbonate 碳酸鎘	513-78-0	208-168-9	< 1000ppm
180	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] 1,6,7,8,9,14,15,16,17,17,18, 18-十二氯五環 [12.2.1.16,9.02,13.05,10]十八碳-7,15-二烯 (“Dechlorane Plus”TM) [含有其任何單獨的反式和順式異構體或其任何組合]	—	—	< 1000ppm
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 1,3,4-噻二唑-2,5-二硫醇與 甲醛和支鏈和直鏈 4-庚基酚 的反應產物 (RP-HP) [含有 ≥0.1%w/w 支鏈和直鏈的 4-庚基酚]	—	—	< 1000ppm
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA) 1,2,4-苯三甲酸酐	552-30-7	209-008-0	< 1000ppm
183	Benzo[ghi]perylene 苯并[g,h,i]芘	191-24-2	205-883-8	< 1000ppm
184	Decamethylcyclopentasiloxane (D5) 十甲基環五矽氧烷	541-02-6	208-764-9	< 1000ppm
185	Dicyclohexyl phthalate (DCHP) 鄰苯二甲酸二環己酯	84-61-7	201-545-9	< 1000ppm
186	Disodium octaborate 八硼酸二鈉	12008-41-2	234-541-0	< 1000ppm
187	Dodecamethylcyclohexasiloxane (D6) 十二甲基環六矽氧烷	540-97-6	208-762-8	< 1000ppm
188	Ethylenediamine (EDA) 乙二胺	107-15-3	203-468-6	< 1000ppm
189	Lead 鉛	7439-92-1	231-100-4	< 1000ppm



## Declaration to Free from EU REACH:SVHC

### REACH SVHC DECLARATION 宣告書

危險物質名稱 Substance Name		化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value
190	Octamethylcyclotetrasiloxane (D4) 八甲基環四矽氧烷	556-67-2	209-136-7	< 1000ppm
191	Terphenyl, hydrogenated 氫化聯三苯	61788-32-7	262-967-7	< 1000ppm
192	1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor) 1,7,7-三甲基-3-(苯亞甲基)雙環[2.2,1]庚烷-2-酮 (3-苯亞甲基樟腦)	15087-24-8	239-139-9	< 1000ppm
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane 2,2-雙(4'-羥基苯基)-4-甲基戊烷	6807-17-6	401-720-1	< 1000ppm
194	Benzo[k]fluoranthene 苯并[k]芘	207-08-9	205-916-6	< 1000ppm
195	Fluoranthene 芘	206-44-0 93951-69-0	205-912-4	< 1000ppm
196	Phenanthrene 菲	85-01-8	201-581-5	< 1000ppm
197	Pyrene 芘	129-00-0 1718-52-1	204-927-3	< 1000ppm
198	2-methoxyethyl acetate 2-甲氧基乙酸乙酯	203-772-9	110-49-6	< 1000ppm
199	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP) 三(4-壬基苯基, 支鍊和直鍊)亞磷酸酯(TNPP) (4-壬基酚 4-NP, 支鍊和直鍊濃度 $\geq 0.1\%$ 重量比)	-	-	< 1000ppm
200	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) 2,3,3,3-四氟-2-(七氟丙氧基)丙酸, 即其鹽類與鹵化醯類 (包括它們各自的異構物及其組合)	-	-	< 1000ppm
201	4-tert-butylphenol 4-叔丁基苯酚	202-679-0	98-54-4	< 1000ppm
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone 2-苄基-2-二甲基氨基-1-(4-嗎啉苯基)丁酮	119313-12-1	404-360-3	< 1000ppm
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one 2-甲基-1-(4-甲硫基苯基)-2-嗎啡基-1-丙酮	71868-10-5	400-600-6	< 1000ppm
204	Diisohexyl phthalate 二異己基鄰苯二甲酸酯	71850-09-4	276-090-2	< 1000ppm
205	Perfluorobutane sulfonic acid (PFBS) and its salts 全氟丁磺酸及其相關鹽類	-	-	< 1000ppm



## Declaration to Free from EU REACH:SVHC

### REACH SVHC DECLARATION 宣告書

危險物質名稱 Substance Name		化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value
206	1-vinylimidazole 1-乙炔基咪唑	1072-63-5	214-012-0	< 1000ppm
207	2-methylimidazole 2-甲基咪唑	693-98-1	211-765-7	< 1000ppm
208	Dibutylbis(pentane-2,4-dionato-O,O')tin 二丁基雙(戊烷-2,4-去離子-O,O')錫	22673-19-4	245-152-0	< 1000ppm
209	Butyl 4-hydroxybenzoate (Butylparaben) 4-羥基 苯甲酸丁酯(對羥基苯甲酸丁酯)	94-26-8	202-318-7	< 1000ppm
210	Bis(2-(2-methoxyethoxy)ethyl)ether 四乙二醇二甲醚	143-24-8	205-594-7	< 1000ppm
211	Diocyltin 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 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)	-	-	< 1000ppm
212	1,4-dioxane 1,4-二氧陸園	123-91-1	204-661-8	< 1000ppm
213	2,2-bis(bromomethyl)propane1,3-diol (BMP) 2,2-雙(溴甲基)-1,3-丙二醇 2,2-dimethylpropan-1-ol, Tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) 3-溴-2,2-雙(溴甲基)-1-丙醇 2,3-dibromo-1-propanol (2,3-DBPA) 2,3-二溴-1-丙醇	3296-90-0 36483-57-5 1522-92-5 96-13-9	221-967-7 253-057-0 202-480-9	< 1000ppm
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers 2-(4-叔丁基苄基)丙醛及其個別立體異構物 ●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	< 1000ppm
215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B) 雙酚 B	77-40-7	201-025-1	< 1000ppm
216	Glutaral 戊二醛	111-30-8	203-856-5	< 1000ppm



## Declaration to Free from EU REACH:SVHC

### REACH SVHC DECLARATION 宣告書

危險物質名稱 Substance Name		化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value
217	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 中鏈氯化石蠟[UVCB 物質包含大於或等於 80% 的直鏈氯代烷烴，碳鏈長度在 C14 至 C17 範圍內]	85535-85-9 198840-65-2 1372804-76-6	287-477-0 - - 950-299-5	< 1000ppm
218	Orthoboric acid, sodium salt (group) 硼酸鈉鹽(群組) ●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	< 1000ppm
219	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) 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, (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 - - -	< 1000ppm
220	(±)-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) (±)-1,7,7-三甲基-3-[(4-甲基苯基)亞甲基]二環[2.2.1]庚烷-2-酮，包括各個異構體和/或其組合 (4-MBC)	1782069-81-1; 95342-41-9; 852541-25-4; 36861-47-9; 741687-98-9; 852541-30-1; 852541-21-0	253-242-6	< 1000ppm



Declaration to Free from EU REACH:SVHC

REACH SVHC DECLARATION 宣告書

危險物質名稱 Substance Name		化學文摘號碼 CAS No.	歐洲委員會號碼 EC No.	限值 Limited Value
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC) 6,6'雙二叔丁基-2,2'-亞甲基雙對甲酚 (DBMC)	119-47-1	204-327-1	<1000ppm
222	S-(tricyclo[5.2.1.0 <sup>2,6</sup> ]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate 硫-(三環[5.2.1.0 <sup>2,6</sup> ]癸-3-烯-8(或9)-基) 氧-(異丙基或異丁基或2-乙基己基) 氧-(異丙基或異丁基或2-乙基己基)二硫代磷酸酯	255881-94-8	401-850-9	<1000ppm
223	tris(2-methoxyethoxy)vinylsilane 三(2-甲氧基乙氧基)乙烷基矽烷	1067-53-4	213-934-0	<1000ppm
224	N-(hydroxymethyl)acrylamide N-羥甲基丙烯醯胺	924-42-5	213-103-2	<1000ppm

備註 Remark:

Checkbox <input checked="" type="checkbox"/>	Substance name		CAS No.	Comment
<input type="checkbox"/>	30	Boric acid	10043-35-3 11113-50-1	Contained in polarizing glass
<input type="checkbox"/>	159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) 2-(2'-羥基-3',5'-二-叔-戊基苯基)苯並三唑	25973-55-1	Contained in polarizing glass

公司名稱(Company) : \_\_\_\_\_

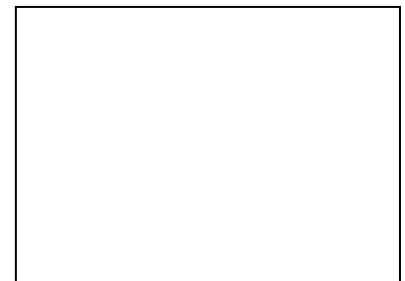
代表人(Representative) : \_\_\_\_\_

職稱(Title) : \_\_\_\_\_

地址(Address) : \_\_\_\_\_

電話(Tel): \_\_\_\_\_

傳真(FAX) : \_\_\_\_\_



公司印鑑

Company' s stamp