

南亞塑膠工業股份有限公司塑膠第三事業部新港工程塑膠廠

NAN YA PLASTICS CORPORATION 3RD DIV. HSINKANG ENGINEERING PLASTICS PLANT

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Statement

We hereby declare that during manufacture of

茲聲明南亞

NAN YA	FR PBT	ALL GRADES
NAN YA	FR NYLON	ALL GRADES
NAN YA	FR PP	ALL GRADES
NAN YA	FR PET	ALL GRADES
NAN YA	FR PC	ALL GRADES
NAN YA	FR PPA	ALL GRADES
NAN YA	FR PPE	ALL GRADES

No REACH substance of 1~20 public very high concern materials in the List overleaf are intentionally added.


製造過程中無蓄意添加附表之 REACH 第一批~第二十批高關注物質。

To the best of our knowledge, none of our raw material suppliers use these substances in the manufacture of their products. However, please note that we do not routinely analyze for substances not intentionally added.

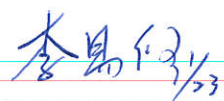
就我司目前所悉，我供應商並無在其供我原料製造過程中使用聲明之物質，敬請 惠予注意 我司未針對該物質是否故意添加進行日常性檢測。

This statement is based on our current level of knowledge and covers commercial and experimental engineering plastics compounds as supplied by Nan Ya Hsin-Kang Engineering Plastics Plant at the date of issue. Since conditions of use are outside Nan Ya's control, Nan Ya makes no warranties, express or implied, and assumes no liability in connection with any use of this information.

此聲明於聲明發出日始，基於我方目前認知，包含南亞新港工程塑膠廠量產及實驗室提供給 貴司工程塑膠粒。因聲明書之使用並不在我方掌控，南亞未直接或間接授權本資訊之使用亦無涉 此資訊不當使用衍生之不利情況。

Prepared by  1/23





YI-HSIU LEE
Q. A. Section Chief,
Eng. Plastics Plant

李易修
技術課長
新港工程塑膠廠



Item 項目	Substance Name/物質名稱
	歐盟 REACH 第一批 16 項 SVHC 提案物質(2008/6/30 公告)/ EU REACH public 16 potential substances of very high concern (released by 2008/6/30)
1	Anthracene 蒽(多環芳烴) CAS NO.120-12-7
2	4,4' - Diaminodiphenylmethane 4,4' - 二胺基二苯甲烷 (特定偶氮化合物) CAS NO.101-77-9
3	Dibutyl phthalate (DBP 鄰苯二甲酸二丁酯) CAS NO.84-74-2
4	Cyclododecane 環十二烷 CAS NO.294-62-2
5	Cobalt dichloride 氯化鈷 CAS NO.7646-79-9
6	Diarsenic pentaoxide 五氧化二砷 CAS NO.1303-28-2
7	Diarsenic trioxide 三氧化二砷 CAS NO.1327-53-3
8	Sodium dichromate, dihydrate 二水合重鉻酸鈉 CAS NO.7789-12-0、 10588-01-9
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 二甲苯麝香 CAS NO.81-15-2
10	Bis (2-ethyl(hexyl)phthalate) (DEHP) 鄰苯二甲酸二(2-乙基己基)酯 CAS NO.117-81-7
11	Hexabromocyclododecane (HBCDD) 六溴環十二烷 CAS NO.25637-99-4 And all major diastereoisomers identified(α -HBCDD、 β -HBCDD、 γ -HBCDD) CAS NO.3194-55-6(134237-51-7、134237-50-6、134237-52-8)
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短鏈氯化石蠟 CAS NO.85535-84-8
13	Bis(tributyltin)oxide 雙三丁基錫氧化物 CAS NO.56-35-9
14	Lead hydrogen arsenate 酸式砷酸鉛 CAS NO.7784-40-9
15	Triethyl arsenate 三乙基砷酸酯 CAS NO.15606-95-8
16	Benzyl butyl phthalate (BBP 鄰苯二甲酸丁苄酯) CAS NO.85-68-7



Item 項目	Substance Name/物 質 名 稱
	歐盟 REACH 第二批 15 項 SVHC 提案物質(2009/9/1 公告)/ EU REACH new public 15 potential substances of very high concern (released by 2009/9/1)
1	2,4-Dinitrotoluene 2,4 二硝基甲苯 CAS NO. 121-14-2
2	Anthracene oil 蒽油 CAS NO. 90640-80-5
3	Anthracene oil, Anthracene paste, distn. Lights 蒽油, 蒽糊, 輕油 CAS NO. 91995-17-4
4	Anthracene oil, Anthracene paste, Anthracene fraction 蒽油, 蒽糊, 蒽 餾分 CAS NO. 91995-15-2
5	Anthracene oil, Anthracene-low 蒽油, 含蒽量低 CAS NO. 90640-82-7
6	Anthracene oil, Anthracene paste 蒽油, 蒽糊 CAS NO. 90640-81-6
7	Diisobutyl phthalate(DIBP) 鄰苯二甲酸二異丁酯 CAS NO. 84-69-5
8	Aluminosilicate , Refractory Ceramic Fibres 矽酸鋁, 耐火陶瓷纖維 CAS NO. 650-017-00-8
9	Zirconia Aluminosilicate , Refractory Ceramic Fibres 氧化鋯矽酸鋁, 耐火陶瓷纖維 CAS NO. 650-017-00-8
10	Lead chromate 鉻酸鉛; 鉻黃 CAS NO. 7758-97-6
11	Lead chromate molybdate sulfate red(C. I. Pigment Red 104)鉬鉻紅(C. I. 顏料紅 104) CAS NO. 12656-85-8
12	Lead sulfochromate yellow(C. I. Pigment Yellow 34)鉛鉻黃(C. I. 顏料黃 34) CAS NO. 1344-37-2
13	Acrylamide 丙烯醯胺 CAS NO. 79-06-1
14	Tris(2-chloroethyl)phosphate(TCEP) 磷酸三(2-氯乙基)酯 CAS NO. 115-96-8
15	Coal tar pitch , high temperature 煤焦油瀝青, 高溫 CAS NO. 65996-93-2



Item 項目	Substance Name / 物質名稱	CAS No.	EC No.
	歐盟化學總署(ECHA) 2010年3月8公告第三批高關注物質(SVHC)8項草案候選清單 SVHC 8 Candidates List draft by ECHA (issued on 08.03.2010)		
1	Trichloroethylene / 三氯乙烯	79-01-6	201-167-4
2	Boric acid / 硼酸	10043-35-3 11113-50-1	233-139-2 234-343-4
3	Disodium tetraborate, anhydrous / 硼砂, 四硼酸二鈉	1303-96-4 1330-43-4 12179-04-3	215-540-4
4	Tetraboron disodium heptaoxide, hydrate / 水合硼酸鈉	12267-73-1	235-541-3
5	Sodium chromate / 鉻酸鈉	7775-11-3	231-889-5
6	Potassium chromate / 鉻酸鉀	7789-00-6	232-140-5
7	Ammonium dichromate / 重鉻酸銨	7789-09-5	232-143-1
8	Potassium dichromate / 重鉻酸鉀	7778-50-9	231-906-6



Item 項目	物質名稱/Substance Name		EC No.	CAS No.
歐洲 ECHA 第四批 11 項 SVHC 評議物質 (2010/8/30 提交公眾評議)/The European Chemicals Agency published proposals to identify 11 potential substances of very high concern (released by 2010/8/30)				
1	1, 2, 3-三氯苯	1, 2, 3-Trichlorobenzene	201-757-1	87-61-6
2	1, 2, 4-三氯苯	1, 2, 4-Trichlorobenzene.	204-428-0	120-82-1
3	1, 3, 5-三氯苯	1, 3, 5-Trichlorobenzene	203-608-6	108-70-3
4	硫酸鈷	Cobalt(II) sulphate	233-334-2	10124-43-3
5	硝酸鈷	Cobalt(II) dinitrate	233-402-1	10141-05-6
6	碳酸鈷	Cobalt(II) carbonate	208-169-4	513-79-1
7	醋酸鈷	Cobalt(II) diacetate	200-755-8	71-48-7
8	乙二醇單甲醚	2-Methoxyethanol	203-713-7	109-86-4
9	乙二醇單乙醚	2-Ethoxyethanol	203-804-1	110-80-5
10	三氧化鉻	Chromium trioxide	215-607-8	1333-82-0
11	從三氧化鉻產生之低聚物產生的酸類： 鉻酸 重鉻酸 鉻酸和重鉻酸的寡聚物	Acids generated from chromium trioxide and their oligomers: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	231-801-5 236-881-5	7738-94-5 13530-68-2



Item 項目	Substance Name / 物質名稱	CAS No.	EC No.
歐盟化學總署(ECHA) 2011年2月21公告第五批高關注物質(SVHC)8項草案候選清單 SVHC 8 Candidates List draft by ECHA (issued on 02.21.2011)			
1	Cobalt dichloride 二氯化鈷	231-589-4	7646-79-9
2	2-ethoxyethyl acetate 乙酸-2-乙氧基乙酯	203-839-2	111-15-9
3	Strontium chromate 鉻酸鋇	232-142-6	7789-06-2
4	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) 鄰苯二甲酸二(C7-11支鏈與直鏈)烷基酯	271-084-6	68515-42-4
5	Hydrazine 肼	206-114-9	7803-57-8 302-01-2
6	1-methyl-2-pyrrolidone N-甲基吡咯烷酮	212-828-1	872-50-4
7	1,2,3-trichloropropane 1,2,3-三氯丙烷	202-486-1	96-18-4
8	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	276-158-1	71888-89-6



Item 項目	Substance Name / 物質名稱	CAS No.	EC No.
	歐盟化學總署(ECHA) 2011年8月29公告第六批高關注物質(SVHC)20項草案候選清單 SVHC 20 Candidates List draft by ECHA (issued on 08.29.2011)		
1	鉻酸鉻 Dichromium tris(chromate)	24613-89-6	246-356-2
2	氫氧化鉻酸鋅鉀 Potassium hydroxyoctaoxidizincatedi-chromate	11103-86-9	234-329-8
3	鋅黃/Pentazinc chromate octahydroxide	49663-84-5	256-418-0
4	矽酸鋁耐火陶瓷纖維 (RCF) Aluminosilicate Refractory Ceramic Fibres (RCF)	----	----
5	氧化鋯矽酸鋁耐火陶瓷纖維 (ZR -RCF) Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	----	----
6	甲醛與苯胺的低聚反應產物 Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1
7	鄰苯二甲酸二甲氧乙酯 Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6
8	鄰甲氧基苯胺 2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1
9	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
10	1,2-二氯乙烷 1,2-Dichloroethane	107-06-2	203-458-1
11	雙(2-甲氧基乙基)醚 Bis(2-methoxyethyl) ether	111-96-6	203-924-4
12	砷酸 Arsenic acid	7778-39-4	231-901-9
13	砷酸鈣 Calcium arsenate	7778-44-1	231-904-5
14	砷酸鉛 Trilead diarsenate	3687-31-8	222-979-5
15	N,N-二甲基乙醯胺 N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4
16	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
17	酚酞 Phenolphthalein	77-09-8	201-004-7
18	迭氮化鉛 Lead azide Lead diazide	13424-46-9	236-542-1
19	收斂酸鉛 Lead styphnate	15245-44-0	239-290-0
20	苦味酸鉛 Lead dipicrate	6477-64-1	229-335-2



Item 項目	Substance Name / 物質名稱	CAS No.	EC No.
	歐盟化學總署(ECHA) 2012年2月28公告第七批高關注物質(SVHC)13項高關注度物質的評議物質 SVHC 13 Candidates List draft by ECHA (issued on 02.28.2012)		
1	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) 三甘醇二甲醚	112-49-2	2003-977-3
2	,2-dimethoxyethane;ethylene glycol dimethyl ether (EGDME) 1,2-二甲氧基乙烷	110-71-4	203-794-9
3	Diboron trioxide 三氧化二硼	1303-86-2	215-125-8
4	Formamide 甲醯胺	75-12-7	200-842-0
5	Lead(II)bis(methanesulfonate) 甲基磺酸鉛	17570-76-2	401-750-5
6	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
7	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
8	4,4'-bis(dimethylamino)benzophenone(Michler's ketone) 4,4'-四甲基二氮二苯酮 / 4,4'-二(N,N-二甲氨基)二苯甲酮 / 米氏酮 / 四甲基米氏酮	90-94-8	202-027-5
9	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) 4,4'-亞甲基雙(N,N-二甲基苯胺) / N,N,N',N'-四甲基-4,4'-二氮基二苯甲烷 / 4,4'-(對二甲氨基)二苯基甲烷 / 米氏鹼	101-61-1	202-959-2
10	4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C. I. Basic Violet 3) 結晶紫 / 鹼性紫3	548-62-9	208-953-6
11	[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
12	α, α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C. I. Solvent Blue 4) 溶劑藍4	6786-83-0	229-851-8
13	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol α, α -二[(二甲氨基)苯基]-4-甲氨基苯甲醇	561-41-1	209-218-2



Item 項目	Substance Name / 物質名稱	EC No.	CAS No.
	歐盟化學總署(ECHA) 2012年9月3日公告第八批高關注物質(SVHC)的54項候選評議物質 SVHC 54 Candidates List draft by ECHA (issued on 9/3/2012)		
1	Bis(pentabromophenyl) ether (DecaBDE) 十溴聯苯醚	214-604-9	1163-19-5
2	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 4-壬基酚, 分支或線性的壬基酚, 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	-	-
3	Diazene-1,2-dicarboxamide (C, C' -azodi(formamide))偶氮二甲醯胺	204-650-8	123-77-3
4	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues 辛基酚聚醚-9, 包括界定明確的物質以及UVCB物質、聚合物和同系物	-	-
5	Henicosafuoroundecanoic acid 全氟十一烷酸	218-165-4	2058-94-8
6	Pentacosafuorotridecanoic acid 全氟十三酸	276-745-2	72629-94-8
7	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA) 六氫鄰苯二甲酸酐	201-604-9	85-42-7
8	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride 甲基六氫苯酐、4-甲基六氫苯酐、甲基六氫化鄰苯二甲酸酐、3-甲基六氫苯二甲酸酐	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-01 9438-60-948 122-14-1 57110-29-9
9	Heptacosafuorotetradecanoic acid 全氟十四酸	206-803-4	376-06-7
10	Diisopentylphthalate (DIPP) 鄰苯二甲酸二異戊酯	210-088-4	605-50-5
11	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear 支鏈和直鏈1,2-苯二羧二戊酯	284-032-2	84777-06-0
12	N-pentyl-isopentylphthalate 鄰苯二甲酸正戊基異戊基酯	-	776297-69-9
13	Methoxy acetic acid 甲氧基乙酸	210-894-6	625-45-6
14	Tricosafuorododecanoic acid 全氟十二烷酸	206-203-2	307-55-1
15	1,2-Diethoxyethane 乙二醇二乙醚	211-076-1	629-14-1
16	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine 3-乙基-2-甲基-2-(3-甲基丁基)噁唑烷	421-150-7	143860-04-2
17	4-methyl-m-phenylenediamine (2,4-toluene-diamine) 2,4-二氨基甲苯	202-453-1	95-80-7
18	N-methylacetamide N-甲基乙醯胺	201-182-6	79-16-3
19	Pentalead tetraoxide sulphate 氧化鉛與硫酸鉛的複合物	235-067-7	12065-90-6
20	Biphenyl-4-ylamine 4-氨基聯苯	202-177-1	92-67-1
21	Dinoseb 地樂酚	201-861-7	88-85-7
22	Dioxobis(stearato)trilead 雙(十八酸基)二氧代三鉛	235-702-8	12578-12-0
23	Lead dinitrate 硝酸鉛	233-245-9	10099-74-8



Item 項目	Substance Name / 物質名稱	EC No.	CAS No.
歐盟化學總署(ECHA) 2012年9月3公告第八批高關注物質(SVHC)的54項候選評議物質 SVHC 54 Candidates List draft by ECHA (issued on 9/3/2012)			
24	Tetralead trioxide sulphate 三域式硫酸鉛	235-380-9	12202-17-4
25	Lead oxide (lead monoxide) 氧化鉛	215-267-0	1317-36-8
26	Lead titanium trioxide 鈦酸鉛	235-038-9	12060-00-3
27	4,4'-methylenedi-o-toluidine 4,4'-二氨基-3,3'-二甲基二苯甲 烷	212-658-8	838-88-0
28	Acetic acid, lead salt, basic 域式乙酸鉛	257-175-3	51404-69-4
29	Dimethyl sulphate 硫酸二甲酯	201-058-1	77-78-1
30	Furan 呋喃	203-727-3	110-00-9
31	Pyrochlore, antimony lead yellow 顏料黃41	232-382-1	8012-00-8
32	Tetraethyllead 四乙基鉛	201-075-4	78-00-2
33	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate) 二鹽基鄰苯二甲酸鉛	273-688-5	69011-06-9
34	Diethyl sulphate 硫酸二乙酯	200-589-6	64-67-5
35	Lead cyanamate 氨基氰鉛鹽	244-073-9	20837-86-9
36	Silicic acid, barium salt, lead-doped 摻雜鉛的矽酸鋇	272-271-5	68784-75-8
37	Trilead dioxide phosphonate 磷酸氧化鉛	235-252-2	12141-20-7
38	o-Toluidine; 2-Aminotoluene 鄰甲基苯胺	202-429-0	95-53-4
39	o-aminoazotoluene 鄰氨基偶氮甲苯	202-591-2	97-56-3
40	4-Aminoazobenzene; 4-Phenylazoaniline 對氨基偶氮苯	200-453-6	60-09-3
41	6-methoxy-m-toluidine (p-cresidine) 6-甲氧基-間甲苯胺	204-419-1	120-71-8
42	Dibutyltin dichloride (DBT) 二丁基二氯化錫	211-670-0	683-18-1
43	Lead Titanium Zirconium Oxide 鈦酸鉛鋇	235-727-4	12626-81-2
44	Propylene oxide; 1,2-epoxypropane; methyloxirane 環氧丙烷	200-879-2	75-56-9
45	1-bromopropane; n-propyl bromide 溴代正丙烷	203-445-0	106-94-5
46	Basic lead carbonate (trilead bis(carbonate)dihydroxide) 域式 碳酸鉛	215-290-6	1319-46-6
47	Fatty acids, C16-18, lead salts C16-18-脂肪酸鉛鹽	292-966-7	91031-62-8
48	Lead tetroxide (orange lead) 四氧化三鉛	215-235-6	1314-41-6
49	Sulfurous acid, lead salt, dibasic 亞硫酸鉛(II)	263-467-1	62229-08-7
50	4,4'-oxydianiline and its salts 4,4'-二氨基二苯醚	202-977-0	101-80-4
51	Lead oxide sulfate (basic lead sulfate) 域式硫酸鉛	234-853-7	12036-76-9
52	Lead bis(tetrafluoroborate) 氟硼酸鉛	237-486-0	13814-96-6
53	Silicic acid, lead salt 矽酸鉛	234-363-3	11120-22-2
54	N,N-dimethylformamide; dimethyl formamide N,N-二甲基甲醯胺	200-679-5	68-12-2



Item 項目	Substance Name / 物質名稱	EC No.	CAS No.
	歐盟化學總署(ECHA) 2013 年公告第九批高關注物質(SVHC)的 10 項候選評議物質 SVHC 10 Candidates List draft by ECHA (issued on 2013)		
1	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) 2-(2'-羥基-3',5'-二-叔-丁基苯基)-5-氯代-苯並三唑 (紫外線吸收劑 327)	223-383-8	3864-99-1
2	Pentadecafluorooctanoic acid (PFOA)全氟辛酸	206-397-9	335-67-1
3	Cadmium oxide 氧化鎘	215-146-2	1306-19-0
4	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(紫外線吸收劑 320)	223-346-6	3846-71-7
5	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(紫外線吸收劑 328)	247-384-8	25973-55-1
6	Ammoniumpentadecafluorootanoate (APFO)全氟辛酸銨	223-320-4	3825-26-1
7	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) 2-(2'-羥基-3'-仲-丁基-5'-叔-丁基苯基)苯並三唑(紫外線吸收劑 350)	253-037-1	36437-37-3
8	Cadmium 鎘	231-152-8	7440-43-9
9	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] 分支或線性的乙氧基壬基酚，包括含有 9 個碳烷基鏈的所有獨立的分異構體和所有含有線性或分支 9 個碳烷基鏈的 UVCB 物質	-	-
10	Dipentyl phthalate (DPP)鄰苯二甲酸二戊酯	205-017-9	131-18-0



Item 項目	Substance Name / 物質名稱	EC No.	CAS No.
	歐盟化學總署(ECHA) 2013年九月公告第十批高關注物質(SVHC)的7項候選評議物質 SVHC 7 Candidates List draft by ECHA (issued on 2013/09)		
1	Cadmium sulphide 硫化鎘	215-147-8	1306-23-6
2	Dihexyl phthalate 鄰苯二甲酸二己酯	201-559-5	84-75-3
3	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C. I. Direct Red 28) 直接紅 28	209-358-4	573-58
4	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	217-710-3	1937-37-7
5	Imidazolidine-2-thione; 2-imidazoline-2-thiol 亞乙基硫脲	202-506-9	96-45-7
6	Lead di (acetate) 醋酸鉛	206-104-4	301-04-2
7	Trixylyl phosphate 磷酸三(二甲苯)酯	246-677-8	25155-23-1

Item 項目	Substance Name / 物質名稱	EC No.	CAS No.
	歐盟化學總署(ECHA) 2014年3月公告第十一批高關注物質(SVHC)的4項候選評議物質 SVHC 4 Candidates List draft by ECHA (issued on 2014/03)		
1	Cadmium chloride 氯化鎘	233-296-7	10108-64-2
2	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 鄰苯二甲酸二(支鏈與直鏈)己酯	271-093-5	68515-50-4
3	Sodium peroxometaborate 過硼酸鈉, 無水	231-556-4	7632-04-4
4	Sodium perborate; perboric acid, sodium salt 過硼酸鈉, 水合物; 過硼酸鈉鹽	239-172-9 234-390-0	-



Item 項目	Substance Name / 物質名稱	EC No.	CAS No.
	歐盟化學總署(ECHA) 2014年九月公告第十二批高關注物質(SVHC)的10項候選評議物質 SVHC 10 Candidates List draft by ECHA (issued on 2014/09)		
1	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(紫外線吸收劑328)	247-384-8	25973-55-1
2	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(紫外線吸收劑320)	223-346-6	3846-71-7
3	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) 二正辛基-雙(2-乙基己基巰基乙酸酯)錫	239-622-4	15571-58-1
4	Benzyl butyl phthalate (BBP) 鄰苯二甲酸甲苯基丁酯	201-622-7	85-68-7
5	Bis(2-ethylhexyl) phthalate (DEHP) 鄰苯二甲酸二(2-乙基己基)酯	204-211-0	117-81-7
6	Cadmium fluoride 氟化鎘	232-222-0	7790-79-6
7	Cadmium sulphate 硫酸鎘	233-331-6	10124-36-4 31119-53-6
8	Dibutyl phthalate (DBP) 鄰苯二甲酸二丁酯	201-557-4	84-74-2
9	Diisobutyl phthalate (DIBP) 鄰苯二甲酸二異丁酯	201-553-2	84-69-5
10	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-雙(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	-	-



Item 項目	Substance Name / 物質名稱	EC No.	CAS No.
	歐盟化學總署(ECHA) 2015年六月公告第十三批高關注物質(SVHC)的2項候選評議物質 SVHC 2 Candidates List draft by ECHA (issued on 2015/06)		
1	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or 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 $\geq 0.3\%$	271-094-0 272-013-1	68515-51-5 68648-93-1
2	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] [1]為卡拉花醛,[2]為卡拉花醛的一種同分異構化合物	-	-

Item 項目	Substance Name / 物質名稱	EC No.	CAS No.
	歐盟化學總署(ECHA) 2015年九月公告第十四批高關注物質(SVHC)的7項候選評議物質 SVHC 7 Candidates List draft by ECHA (issued on 2015/06)		
1	1,3-propanesultone 1,3-丙烷磺內酯	214-317-9	1120-71-4
2	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol 紫外線吸收劑(UV-327)	223-383-8	3864-99-1
3	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol 紫外線吸收劑(UV-350)	253-037-1	36437-37-3
4	Dicyclohexyl phthalate (DCHP) 鄰苯二甲酸二環己酯	201-545-9	84-61-7
5	hexamethylene diacrylate (hexane-1,6-diol diacrylate) 1,6-己二醇二丙烯酸酯	235-921-9	13048-33-4
6	Nitrobenzene 硝基苯	202-716-0	98-95-3
7	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluorononanoic acid and its sodium and ammonium salts 全氟壬酸及其鈉和銨鹽	206-801-3	375-95-1 21049-39-8 4149-60-4

Item 項目	Substance Name / 物質名稱	EC No.	CAS No.
歐盟化學總署(ECHA) 2016年二月公告第十五批高關注物質(SVHC)的4項候選評議物質 SVHC 4 Candidates List draft by ECHA (issued on 2016/02)			
1	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptane-2-one(4-methylbenzylidene camphor) (±)-1,7,7-三甲基-3-[(4-甲基苯基)亞甲基]-雙環[2,2,1]庚烷-2-酮(4-甲基苯亞甲基樟腦)	253-242-6	36861-47-9
2	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)	239-139-9	15087-24-8
3	Benzo[def]chrysene (Benzo[a]pyrene) 苯並[def]屈 (苯並[a]芘)	200-028-5	50-32-8
4	Dicyclohexyl phthalate (DCHP) 鄰苯二甲酸二環己酯	201-545-9	84-61-7

Item 項目	Substance Name / 物質名稱	EC No.	CAS No.
歐盟化學總署(ECHA) 2016年12月19日公告第十六批高關注物質(SVHC)的4項候選評議物質 SVHC 4 Candidates List draft by ECHA (issued on 2016/12/19)			
1	4,4'-isopropylidenediphenol (bisphenol A) 雙酚A	201-245-8	80-05-7
2	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts 全氟癸酸, 及其鈉和銨鹽	206-400-3	335-76-2
3	4-heptylphenol, branched and linear (4-HPb1) 支鏈及直鏈4-庚基苯酚	-	-
4	4-tert-pentylphenol (PTAP) 4-三級戊基苯酚	201-280-9	80-46-6

Item 項目	Substance Name / 物質名稱	EC No.	CAS No.
歐盟化學總署(ECHA) 2017年12月19日公告第十七批高關注物質(SVHC)的1項候選評議物質 SVHC 4 Candidates List draft by ECHA (issued on 2017/7/7)			
1	Perfluorohexane-1-sulphonic acid and its salts, PFHxS 全氟己-1-磺酸及其鹽類	-	-

Item 項目	Substance Name / 物質名稱	EC No.	CAS No.
歐盟化學總署(ECHA) 2018 年一月公告第十八批高關注物質(SVHC)的 7 項候選評議物質 SVHC 7 Candidates List draft by ECHA (issued on 2018/01/15)			
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-HPb1) 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+A2:G21-庚基苯酚, 支鏈和直鏈含量 $\geq 0.1\%$ w/w]	-	-
2	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus") covering any of its individual anti- and syn-isomers or any combination thereof 德克隆(包括所有反式和順式異構體及其組合)	-	-
3	Chrysene 蒽	205-923-4	218-01-9 1719-03-5
4	Cadmium nitrate 硝酸鎘	233-710-6	10022-68-1 10325-94-7
5	Cadmium hydroxide 氫氧化鎘	244-168-5	21041-95-2
6	Cadmium carbonate 碳酸鎘	208-168-9	513-78-0
7	Benz[a]anthracene 苯[a]蔥	200-280-6	56-55-3 1718-53-2

Item 項目	Substance Name / 物質名稱	EC No.	CAS No.
歐盟化學總署(ECHA) 2018年六月公告第十九批高關注物質(SVHC)的10項物質 SVHC 10 Substance List draft by ECHA (issued on 2018/06/27)			
1	Octamethylcyclotetrasiloxane (D4) 八甲基環四矽氧烷	209-136-7	556-67-2
2	Decamethylcyclopentasiloxane (D5) 十甲基環戊矽氧烷	208-764-9	541-02-6
3	Dodecamethylcyclohexasiloxane (D6) 十二甲基環己矽氧烷	208-762-8	540-97-6
4	Lead 鉛	231-100-4	7439-92-1
5	Disodium octaborate 四水八硼酸二鈉	234-541-0	12008-41-2
6	Benzo[ghi]perylene 苯並[G, H, I]芘	205-883-8	191-24-2
7	Terphenyl hydrogenated 氫化三聯苯	262-967-7	61788-32-7
8	Ethylenediamine (EDA) 乙二胺	203-468-6	107-15-3
9	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA) 偏苯三酸酐	209-008-0	552-30-7
10	Dicyclohexyl phthalate (DCHP) 鄰苯二甲酸二環己酯	201-545-9	84-61-7

*工塑粒添加玻纖或礦纖之規格，可能因天然礦物質內含鉛，因此可能檢測出在 50ppm 以下少量鉛含量。

Owning to the mineral or glass fibers are composed of lead(Pb) in nature, a trace amount of lead(<50ppm) is possibly detected in our engineering plastic products.

Item 項目	Substance Name / 物質名稱	EC No.	CAS No.
歐盟化學總署(ECHA) 2019年一月公告第二十批高關注物質(SVHC)的6項物質 SVHC 6 Substance List draft by ECHA (issued on 2019/01/15)			
1	2, 2-bis(4'-hydroxyphenyl)-4-methylpentane 2, 2-雙(4'-羥苯基)-4-甲基戊烷	401-720-1	6807-17-6
2	Benzo[k]fluoranthene 苯并[k]1, 2-苯并芘	205-916-6	207-08-9
3	Fluoranthene 1, 2-苯并芘	205-912-4	206-44-0
4	Phenanthrene 菲	201-581-5	85-01-8
5	Pyrene 芘	204-927-3	129-00-0
6	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-2-酮 (3-亞苄基樟腦)	239-139-9	15087-24-8