

TruCast Acrylic REACH and RoHS Compliance



Date: 15-DEC-2022

To Whom it May Concern,

A&C Plastics, Inc. hereby certifies that the HCC supplied Tru-Cast general purpose cell cast clear acrylic sheet does not contain any ingredients as listed on the attachment in the following pages.

Sincerely,

Katie Clapp
President
A&C Plastics, Inc.

REACH and RoHS Compliance



Attachment: List SVHC of Chemical Ingredients

項目	禁用物質名稱	濃度	報告編號
2008.10.28 REACH 第一批 15 項高關注物質清單			
1	Anthracene 蒽	N.D.	SGS EKR21701268
2	4,4'-Diaminodiphenylmethane 4,4' -二氨基二苯甲烷	N.D.	SGS EKR21701268
3	Dibutyl phthalate (DBP)鄰苯二甲酸二丁基酯	N.D.	SGS EKR21701268
4	Cobalt dichloride 二氯化鈷	N.D.	SGS EKR21701268
5	Diarsenic pentaoxide 五氧化二砷	N.D.	SGS EKR21701268
6	Diarsenic trioxide 三氧化二砷	N.D.	SGS EKR21701268
7	Sodium dichromate,dihydrate 重鉻酸鈉二水合物	N.D.	SGS EKR21701268
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) 二甲苯麝香	N.D.	SGS EKR21701268
9	Bis (2-ethyl(hexyl)phthalate) (DEHP) 鄰苯二甲酸二(2-乙基己)酯	N.D.	SGS EKR21701268
10	Hexabromocyclododecane (HBCDD)六溴環十二烷	N.D.	SGS EKR21701268
11	Alkanes, C10-13, chloro (Short Chain Chlorinated > Paraffins) (C10-13) 短鏈氯化石蠟	N.D.	SGS EKR21701268
12	Bis(tributyltin)oxide 氧化雙三丁基錫	N.D.	SGS EKR21701268
13	Lead hydrogen arsenate 砷酸氫鉛	N.D.	SGS EKR21701268
14	Triethyl arsenate 三乙基砷酸鹽	N.D.	SGS EKR21701268
15	Benzyl butyl phthalate 鄰苯二甲酸丁苄酯	N.D.	SGS EKR21701268
2010.1.13 第二批 12 項高關注物質清單			
16	2,4-Dinitrotoluene (2,4 -二硝基甲苯)	N.D.	SGS EKR21701268
17	Anthracene oil (蒽油)	N.D.	SGS EKR21701268
18	Anthracene oil, anthracene paste, distn. Lights(蒽油，蒽糊，輕油)	N.D.	SGS EKR21701268

REACH and RoHS Compliance



19	Anthracene oil, anthracene paste, anthracene fraction (蒽油, 蒽糊, 蒽醌分)	N.D.	SGS EKR21701268
20	Anthracene oil, anthracene-low (蒽油, 含蒽量少)	N.D.	SGS EKR21701268
21	Anthracene oil, anthracene paste(蒽油, 蒽糊)	N.D.	SGS EKR21701268
22	Diisobutyl phthalate (鄰苯二甲酸二異丁酯)	N.D.	SGS EKR21701268
23	Tris(2-chloroethyl) phosphate 三(2-氯乙基)磷酸酯	N.D.	SGS EKR21701268
24	Coal tar pitch, high temperature 煤瀝青, 高溫	N.D.	SGS EKR21701268
25	Lead chromate 鉻酸鉛(鉻黃)	N.D.	SGS EKR21701268
26	Lead chromate molybdate sulfate red (C.I. Pigment Red 104) 鉬鉻紅 (C.I.顏料紅 104)	N.D.	SGS EKR21701268
27	Lead sulfochromate yellow (C.I. Pigment Yellow 34) 鉻酸鉛 (C.I.顏料黃 34)	N.D.	SGS EKR21701268
2010.3.30 公告 1 項高關注物質清單			
28	Acrylamide 丙烯酰胺	N.D.	SGS EKR21701268
2010.6.18 REACH 第三批 8 項高關注物質清單			
29	Trichloroethylene 三氯乙烯	N.D.	SGS EKR21701268
30	Boric Acid 硼酸	N.D.	SGS EKR21701268
31	Disodium Tetraborate ,Anhydrous 無水四硼酸二鈉	N.D.	SGS EKR21701268
32	Tetraboron Disodium Heptaoxide, Hydrate 水合硼酸鈉	N.D.	SGS EKR21701268
33	Sodium Chromate 鉻酸鈉	N.D.	SGS EKR21701268
34	Potassium Chromate 鉻酸鉀	N.D.	SGS EKR21701268
35	Ammonium DiChromate 重鉻酸銨	N.D.	SGS EKR21701268
36	Potassium DiChromate 重鉻酸鉀	N.D.	SGS EKR21701268
2010.12.15 第四批 8 項高關注物質清單			
37	Cobalt(II) sulphate 硫酸鈷(二價)	N.D.	SGS EKR21701268

REACH and RoHS Compliance



38	Cobalt(II) dinitrate 硝酸鈷(二價)	N.D.	SGS EKR21701268
39	Cobalt(II) carbonate 碳酸鈷(二價)	N.D.	SGS EKR21701268
40	Cobalt(II) diacetate 醋酸鈷(二價)	N.D.	SGS EKR21701268
41	2-Methoxyethanol 甲氧基乙醇	N.D.	SGS EKR21701268
42	2-Ethoxyethanol 乙氧基乙醇	N.D.	SGS EKR21701268
43	Chromium trioxide 三氧化鉻	N.D.	SGS EKR21701268
44	Acids generated from chromium trioxide and their oligomers: Chromic acid 從三氧化鉻與其它寡聚體生成的酸類:鉻酸 "Dichromic acid" 從三氧化鉻與其它寡聚體生成的酸類:重鉻酸 "●ligomers of chromic acid and dichromic acid" 從三氧化鉻與其它寡聚體生成的酸類:鉻酸與重鉻酸的寡聚體	N.D.	SGS EKR21701268
2011.6.20 REACH 第五批 7 項高關注物質清單			
45	2-ethoxyethyl acetate 乙二醇乙醚乙酸酯	N.D.	SGS EKR21701268
46	strontium chromate 鉻酸鋇	N.D.	SGS EKR21701268
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters 鄰苯二甲酸二(C7-11 支鏈與直鏈)烷基酯	N.D.	SGS EKR21701268
48	Hydrazine 聯氨	N.D.	SGS EKR21701268
49	1-methyl-2-pyrrolidone N-甲基吡咯烷酮	N.D.	SGS EKR21701268
50	1,2,3-trichloropropane 1,2,3-三氯丙烷	N.D.	SGS EKR21701268
51	"1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich" 鄰苯二甲酸二(C6-8 支鏈與直鏈)烷基酯, 富 C7	N.D.	SGS EKR21701268
2011.12.19 REACH 第六批 20 項高關注物質清單			
52	4-(1,1,3,3-Tetramethylbutyl)phenol; 4-tert-octyl phenol (對特辛基苯酚 / 辛基酚)	N.D.	SGS EKR21701268
53	2-Methoxyaniline; o-Anisidine (鄰甲氧基苯胺)	N.D.	SGS EKR21701268
54	Arsenic acid (砷酸)	N.D.	SGS EKR21701268
55	Calcium arsenate (砷酸鈣)	N.D.	SGS EKR21701268
56	Trilead diarsenate (砷酸鉛)	N.D.	SGS EKR21701268
57	1,2-dichloroethane (1,2-二氯乙烷)	N.D.	SGS EKR21701268

REACH and RoHS Compliance



58	Bis(2-methoxyethyl) ether (雙(2-甲氧基乙基)醚)	N.D.	SGS EKR21701268
59	Bis(2-methoxyethyl) phthalate (苯二甲酸雙(2 甲氧基乙基)酯)	N.D.	SGS EKR21701268
60	N,N-dimethylacetamide (DMAC) (N,N-二甲基乙醯胺)	N.D.	SGS EKR21701268
61	Formaldehyde, oligomeric reaction Products with aniline (technical MDA) (甲醛與苯胺的寡聚反應物)	N.D.	SGS EKR21701268
62	Lead diazide, Lead azide (疊氮化鉛)	N.D.	SGS EKR21701268
63	Lead styphnate (中性斯蒂酚酸鉛)	N.D.	SGS EKR21701268
64	2,2' -二氯-4,4' -二氨基二苯基甲烷 2,2' -dichloro-4,4' -methylenedianiline (MOCA)	N.D.	SGS EKR21701268
65	鉻酸鉻 Dichromium tris(chromate)	N.D.	SGS EKR21701268
66	氫氧化鉻酸鉍鉀 *Potassium Hydroxyoctaoxodizin catedichromate	N.D.	SGS EKR21701268
67	八氫氧化五鉻酸鉍 Pentazinc chromate octahydroxide	N.D.	SGS EKR21701268
68	酚酞 Phenolphthalein	N.D.	SGS EKR21701268
69	矽酸鋁，耐火陶瓷纖維 (主要成分濃度於可變範圍內) Aluminosilicate Refractory Ceramic fibres (RCF)	N.D.	SGS EKR21701268
70	鋯矽酸鋁，耐火陶瓷纖維 (主要成分濃度於可變範圍內) Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	N.D.	SGS EKR21701268
71	苦味酸鉛 lead dipicrate	N.D.	SGS EKR21701268
2012.06.18 REACH 第七批 13 項高關注物質清單			
72	三甘醇二甲醚 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	N.D.	SGS EKR21701268
73	乙二醇二甲醚 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	N.D.	SGS EKR21701268
74	三氧化二硼 Diboron trioxide	N.D.	SGS EKR21701268
75	甲醯胺 Formamide	N.D.	SGS EKR21701268
76	甲基磺酸鉛 Lead(II) Bis(methanesulfonate)	N.D.	SGS EKR21701268
77	異氰尿酸三縮水甘油酯 (1,3,5-tris[(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	N.D.	SGS EKR21701268
78	異氰尿酸 B-三縮水甘油酯 β-TGIC (1,3,5-tric[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	N.D.	SGS EKR21701268
79	米氏酮 4,4' -bis(dimethylamino)benzophenone (Michler' s ketone)	N.D.	SGS EKR21701268

REACH and RoHS Compliance



80	4,4' -(對二甲氨基)-二苯基甲烷 N,N,N',N' -tetramethyl-4,4' -methylenedianiline (Michler's base)	N.D.	SGS EKR21701268
81	結晶紫；甲基紫；龍膽紫；鹼性紫 [4-[4,4' -bis(dimethylamino) Benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]di Methylammonium chloride (C.I. Basic Violet 3)	N.D.	SGS EKR21701268
82	鹼性藍 26 [4-[[4-anilino-1-naphthyl][4- (dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] Dimethylammonium chloride (C.I. Basic blue 26)	N.D.	SGS EKR21701268
83	溶劑藍 4 α, α-Bis[4-(dimethylamino)phenyl]- 4(phenylamino)naphthaleno-1-methanol (C.I. solvent blue4)	N.D.	SGS EKR21701268
84	A,A-二[(二甲氨基)苯基]-4-甲氨基苯甲醇 4,4' -bis(dimethylamino)-4'' -(methylamino)trityl alcohol	N.D.	SGS EKR21701268
2012.12.19 REACH 第八批 54 項高關注物質清單			
85	十溴聯苯醚 Bis(pentabromophenyl) ether (DecaBDE)	N.D.	SGS EKR21701268
86	全氟十三酸 Pentacosafuorotridecanoic acid	N.D.	SGS EKR21701268
87	全氟十二酸 Tricosafuorododecanoic acid	N.D.	SGS EKR21701268
88	全氟十一酸 Henicosafuoroundecanoic acid	N.D.	SGS EKR21701268
89	全氟十四酸 Heptacosafuorotetradecanoic acid	N.D.	SGS EKR21701268
90	4-(1,1,3,3-四甲基丁基)苯酚，乙氧基-以及所有被定義的物質未知成份的物質、聚合物及同系物 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	N.D.	SGS EKR21701268
91	分支或線性的壬基酚，包括含有 9 個碳烷基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 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	N.D.	SGS EKR21701268
92	偶氮(二)雙甲酰胺 Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	N.D.	SGS EKR21701268
93	六氫苯二甲酐 Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	N.D.	SGS EKR21701268
94	甲基六氫苯甲酐, 4-甲基六氫鄰苯酐, 1-甲基六氫苯酐, 3-甲基六氫苯酐 Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	N.D.	SGS EKR21701268
95	甲氧基乙酸 Methoxy acetic acid	N.D.	SGS EKR21701268
96	支鏈和直鏈 1,2-苯二羧甲酸二戊酯 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	N.D.	SGS EKR21701268

REACH and RoHS Compliance



97	鄰苯二甲酸二異戊酯 Diisopentylphthalate (DIPP)	N.D.	SGS EKR21701268
98	鄰苯二甲酸正戊基異戊基酯 N-pentyl-isopentylphthalate	N.D.	SGS EKR21701268
99	乙二醇二乙醚 1,2-Diethoxyethane	N.D.	SGS EKR21701268
100	N,N 二甲基甲醯胺 N,N-dimethylformamide; dimethyl formamide	N.D.	SGS EKR21701268
101	二氯二丁基錫 Dibutyltin dichloride (DBTC)	N.D.	SGS EKR21701268
102	鹼式醋酸鉛 Acetic acid, lead salt, basic	N.D.	SGS EKR21701268
103	鹼式碳酸鉛 Basic lead carbonate (trilead bis(carbonate)dihydroxide)	N.D.	SGS EKR21701268
104	鹼式硫酸鉛 Lead oxide sulfate (basic lead sulfate)	N.D.	SGS EKR21701268
105	[1,2 - 苯二羧酸根合]二氧化三鉛 [Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	N.D.	SGS EKR21701268
106	雙(十八酸基)二氧代三鉛 Dioxobis(stearato)trilead	N.D.	SGS EKR21701268
107	C16-18-脂肪酸鉛鹽 Fatty acids, C16-18, lead salts	N.D.	SGS EKR21701268
108	四氟硼酸鉛 Lead bis(tetrafluoroborate)	N.D.	SGS EKR21701268
109	氨基氰鉛鹽 Lead cyanamate	N.D.	SGS EKR21701268
110	硝酸鉛 Lead dinitrate	N.D.	SGS EKR21701268
111	氧化鉛 Lead oxide (lead monoxide)	N.D.	SGS EKR21701268
112	四氧化鉛(鉛丹) Lead tetroxide (orange lead)	N.D.	SGS EKR21701268
113	鈦酸鉛(II) Lead titanium trioxide	N.D.	SGS EKR21701268
114	鈦酸鉛鋯 Lead Titanium Zirconium Oxide	N.D.	SGS EKR21701268
115	氧化鉛與硫酸鉛的複合物 Pentalead tetraoxide sulphate	N.D.	SGS EKR21701268
116	C.I. 顏料黃 41 Pyrochlore, antimony lead yellow	N.D.	SGS EKR21701268
117	含鉛的矽酸鋇 Silicic acid, barium salt, lead-doped	N.D.	SGS EKR21701268
118	矽酸鉛 Silicic acid, lead salt	N.D.	SGS EKR21701268
119	亞硫酸鉛 Sulfurous acid, lead salt, dibasic	N.D.	SGS EKR21701268

REACH and RoHS Compliance



120	四乙基鉛 Tetraethyllead	N.D.	SGS EKR21701268
121	三鹼式硫酸鉛 / C.I.顏料白 Tetralead trioxide sulphate	N.D.	SGS EKR21701268
122	磷酸氧化鉛 Trilead dioxide phosphonate	N.D.	SGS EKR21701268
123	呋喃 Furan	N.D.	SGS EKR21701268
124	環氧丙烷 Propylene oxide; 1,2-epoxypropane; methyloxirane	N.D.	SGS EKR21701268
125	硫酸二乙酯 Diethyl sulphate	N.D.	SGS EKR21701268
126	硫酸二甲酯 Dimethyl sulphate	N.D.	SGS EKR21701268
127	3-乙基-2-甲基-2-(3-甲基丁基)-1,3-惡唑烷 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	N.D.	SGS EKR21701268
128	2-(1-甲基丙基)-4,6-二硝基苯酚 Dinoseb		SGS EKR21701268
129	4,4'-二氨基-3,3'-二甲基聯苯基甲烷 4,4'-methylenedi-o-toluidine	N.D.	SGS EKR21701268
130	4,4'-二氨基二苯醚 4,4'-oxydianiline and its salts	N.D.	SGS EKR21701268
131	4-苯基偶氮基苯胺 4-Aminoazobenzene; 4-Phenylazoaniline	N.D.	SGS EKR21701268
132	2,4-二氨基甲苯 4-methyl-m-phenylenediamine (2,4-toluene-diamine)	N.D.	SGS EKR21701268
133	3-甲基-6-甲氧基苯胺 6-methoxy-m-toluidine (p-cresidine)	N.D.	SGS EKR21701268
134	4-胺基聯苯 Biphenyl-4-ylamine	N.D.	SGS EKR21701268
135	鄰氨基偶氮甲苯 o-aminoazotoluene	N.D.	SGS EKR21701268
136	鄰甲苯胺 o-Toluidine; 2-Aminotoluene	N.D.	SGS EKR21701268
137	N-甲基乙醯胺 N-methylacetamide	N.D.	SGS EKR21701268
138	正丙基溴 1-bromopropane; n-propyl bromide	N.D.	SGS EKR21701268
2013.06.20 REACH 第九批 6 項高關注物質清單			
139	鎘 Cadmium	N.D.	SGS EKR21701268
140	氧化鎘 Cadmium oxide	N.D.	SGS EKR21701268
141	鄰苯二甲酸二戊酯 Dipentyl phthalate (DPP)	N.D.	SGS EKR21701268

REACH and RoHS Compliance



142	支鏈及直鏈乙氧基壬基酚- 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 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]	N.D.	SGS EKR21701268
143	全氟辛酸銨 Ammoniumpentadecafluorootanoate (APFO)	N.D.	SGS EKR21701268
144	全氟辛酸 Pentadecafluorooctanoic acid (PFOA)	N.D.	SGS EKR21701268
2013.12.16 REACH 第十批 7 項高關注物質清單			
145	Cadmium sulphide 硫化鎘	N.D.	SGS EKR21701268
146	Dihexyl phthalate 鄰苯二甲酸二己酯	N.D.	SGS EKR21701268
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) 直接紅 28	N.D.	SGS EKR21701268
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	N.D.	SGS EKR21701268
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol 亞乙基硫脲	N.D.	SGS EKR21701268
150	Lead di (acetate) 醋酸鉛	N.D.	SGS EKR21701268
151	Trixylyl phosphate 磷酸三(二甲苯)酯	N.D.	SGS EKR21701268
2014.06.16 REACH 第十一批 4 項高關注物質清單			
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 支鏈與直鏈的 1,2-苯二甲酸二己酯	N.D.	SGS EKR21701268
153	Cadmium chloride 氯化鎘	N.D.	SGS EKR21701268
154	Sodium perborate; perboric acid, sodium salt 過硼酸鈉	N.D.	SGS EKR21701268
155	Sodium peroxometaborate 過氧偏硼酸鈉	N.D.	SGS EKR21701268
2014.12.17 REACH 第十二批 6 項高關注物質清單			
156	Cadmium fluoride	N.D.	SGS EKR21701268
157	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-	N.D.	SGS EKR21701268

REACH and RoHS Compliance



	stannatetradecanoate (reaction mass of DOTE and MOTE)		
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	N.D.	SGS EKR21701268
159	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	N.D.	SGS EKR21701268
160	Cadmium sulphate	N.D.	SGS EKR21701268
161	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	N.D.	SGS EKR21701268
2015.06.15 REACH 第十三批 2 項高關注物質清單			
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 (EC No. 201-559-5) 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 $\geq 0.3\%$	N.D.	SGS EKR21701268
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-(2,4-二甲基環丁-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)]	N.D.	SGS EKR21701268
2015.12.17 REACH 第十四批 5 項高關注物質清單			
164	1,3-Propanesultone 1,3-丙烷磺內酯	N.D.	SGS EKR21701268
165	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	N.D.	SGS EKR21701268
166	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	N.D.	SGS EKR21701268
167	Nitrobenzene 硝基苯	N.D.	SGS EKR21701268
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-Heptafluorooctanoic acid and its sodium and ammonium salts 全氟壬酸及其鈉鹽和銨鹽	N.D.	SGS EKR21701268
2016.06.20 REACH 第十五批 1 項高關注物質清單			
169	Benzo[def]chrysene 苯並(a)芘	N.D.	SGS EKR21701268
2017.01.12 REACH 第十六批 4 項高關注物質清單			
170	4,4'-isopropylidenediphenol (bisphenol A) 雙酚 A	N.D.	SGS EKR21701268
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	N.D.	SGS EKR21701268

REACH and RoHS Compliance



	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		
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts 十九氟癸酸及其鈉和銨鹽	N.D.	SGS EKR21701268
173	p-(1,1-dimethylpropyl) phenol = 4-tert-pentylphenol (PTAP) 對(1,1-二甲基丙基)苯酚	N.D.	SGS EKR21701268
2017.06.16 REACH 第十七批 2 項高關注物質清單			
	4,4'-isopropylidenediphenol (bisphenol A) 雙酚 A	N.D.	SGS EKR21701268
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS) 全氟己基磺酸及其鹽類	N.D.	SGS EKR21701268
2018.01.15 第十八批 7 項高關注物質清單			
175	Benz[a]anthracene 苯並[a]蒽	N.D.	SGS EKR21701268
176	Cadmium carbonate 碳酸鋇	N.D.	SGS EKR21701268
177	Cadmium hydroxide 氫氧化鋇	N.D.	SGS EKR21701268
178	Cadmium nitrate 硝酸鋇	N.D.	SGS EKR21701268
179	Chrysene 苯並[a]菲	N.D.	SGS EKR21701268
180	Dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" TM)德克隆	N.D.	SGS EKR21701268
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-噻唑烷-2,5-二硫酮, 甲醛及 4-庚基苯酚支鍊及直鍊反應物, (RP-HP) [含≥0.1% w/w 支鍊及直鍊 4-庚基苯酚]	N.D.	SGS EKR21701268
2018.06.27 第十九批 10 項高關注物質清單			
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA) 1,2,4-苯三甲酸酐	N.D.	SGS EKR21701268
183	Benzo[ghi]perylene 苯并[g,h,i]芘	N.D.	SGS EKR21701268
184	Decamethylcyclopentasiloxane (D5) 十甲基環五矽氧烷	N.D.	SGS EKR21701268
185	Dicyclohexyl phthalate (DCHP) 鄰苯二甲酸二環己酯	N.D.	SGS EKR21701268
186	Disodium octaborate 八硼酸二鈉	N.D.	SGS EKR21701268
187	Dodecamethylcyclohexasiloxane (D6) 十二甲基環六矽氧烷	N.D.	SGS EKR21701268

REACH and RoHS Compliance



188	Ethylenediamine (EDA) 乙二胺	N.D.	SGS EKR21701268
189	Lead 鉛	N.D.	SGS EKR21701268
190	Octamethylcyclotetrasiloxane (D4) 八甲基環四矽氧烷	N.D.	SGS EKR21701268
191	Terphenyl, hydrogenated 氫化聯三苯	N.D.	SGS EKR21701268
2019 .01. 15 第二十 批 6 項 高關注物質清單			
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane 2,2-雙(4'-羥基苯基)-4-甲基戊烷	N.D.	SGS EKR21701268
193	Benzo[k]fluoranthene 苯并[k]芘	N.D.	SGS EKR21701268
194	Fluoranthene 芘	N.D.	SGS EKR21701268
195	Phenanthrene 菲	N.D.	SGS EKR21701268
196	Pyrene 芘	N.D.	SGS EKR21701268
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1] heptan-2-one (3-benzylidene camphor); 3-BC 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)	N.D.	SGS EKR21701268
2019 .07. 16 第二十一 批 4 項 高關注物質清單			
198	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，鹽類，及其醯鹵(涵蓋他們其個別和組合之同分異構物)	N.D.	SGS EKR21701268
199	2-methoxyethyl acetate 2-甲氧基乙基乙酸酯	N.D.	SGS EKR21701268
200	4-tert-butylphenol 4-叔丁基苯酚	N.D.	SGS EKR21701268
201	Tris (4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP) 三(4-壬基苯基,支鏈及直鏈)亞磷酸酯 含≥0.1%的支鏈及直鏈 4-壬基酚	N.D.	SGS EKR21701268
2020 .01. 16 第二十二 批 4 項 高關注物質清單			
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone 2-苄基-2-二甲基氨基-1-(4-嗎啉基)丁酮	N.D.	SGS EKR21701268
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one 2-甲基-1-[4-(甲基硫代)苯基]-2-(4-嗎啉基)-1-丙酮	N.D.	SGS EKR21701268
204	Diisohexyl phthalate 二異己基鄰苯二甲酸酯	N.D.	SGS EKR21701268
205	Perfluorobutane sulfonic acid (PFBS) and its salts 全氟丁烷磺酸及其鹽類	N.D.	SGS EKR21701268
2020 .06. 25 第二十三 批 4 項 高關注物質清單			

REACH and RoHS Compliance



206	1-vinylimidazole 1-乙烯基咪唑	N.D.	SGS EKR21701268
207	2-methylimidazole 2-甲基咪唑	N.D.	SGS EKR21701268
208	Butyl 4-hydroxybenzoate 4-羥基苯甲酸丁酯	N.D.	SGS EKR21701268
209	Dibutylbis(pentane-2,4-dionato-O,O')tin 二丁基雙(2,4-戊二酸根合-O,O')錫	N.D.	SGS EKR21701268
2021 .01. 19 第 二十四 批 2 項 高關注物質清單			
210	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 二月桂酸二辛基錫 · 錫烷 · 二辛基 · 雙(椰油酯氧基)衍生物 · 以及任何其他錫烷 · 二辛基 · 雙(脂肪酯氧基)衍生物 · 其中 C12 為脂肪酯氧基部分的主要碳原子數	N.D.	SGS EKR21701268
211	bis(2-(2-methoxyethoxy) ethyl) ether 雙(2-(2-甲氧基乙氧基)乙基)醚	N.D.	SGS EKR21701268
2021 .07. 08 第 二十五 批 2 項 高關注物質清單			
212	1,4-二氧陸圓 1,4-dioxane	N.D.	SGS EKR21701268
213	2,2-雙(溴甲基)-1,3-丙二醇 2,2-bis(bromomethyl)propane-1,3-diol (BMP) 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) 2,3-二溴-1-丙醇 2,3-dibromo-1-propanol (2,3-DBPA)	N.D.	SGS EKR21701268
214	2-(4-叔丁基苯基)丙醛及其個別立體異構物 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers (2R)-3-(4-叔丁基苯基)-2-甲基丙醛 (2R)-3-(4-tert-butylphenyl)-2-methylpropanal 2-(4-叔丁基苯基)丙醛 2-(4-tert-butylbenzyl)propionaldehyde (2S)-3-(4-叔丁基苯基)-2-甲基丙醛 (2S)-3-(4-tert-butylphenyl)-2-methylpropanal	N.D.	SGS EKR21701268
215	雙酚B 4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	N.D.	SGS EKR21701268
216	戊二醛 Glutaral	N.D.	SGS EKR21701268
217	中鏈氯化石蠟(C14-16) Alkanes, C14-16, chloro 中鏈氯化石蠟(C14-17) Alkanes, C14-17, chloro 二、三及四氯十四烷 di-, tri- and tetrachlorotetradecane 十四烷氯衍生物 Tetradecane, chloro derivs.	N.D.	SGS EKR21701268
218	硼酸鈉鹽及其水合物 boric acid (H3BO3), sodium salt, hydrate 硼酸二鈉鹽 Boric acid (H3BO3), disodium salt 硼酸三鈉 Trisodium orthoborate 硼酸鈉鹽 Boric acid, sodium salt 硼酸鈉 Orthoboric acid, sodium salt	N.D.	SGS EKR21701268

REACH and RoHS Compliance

	硼酸鈉鹽(1:1) Boric acid (H ₃ BO ₃), sodium salt (1:1)		
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) 支鏈4-十二烷基苯酚 Phenol, 4-dodecyl, branched 4-異十二烷基苯酚 4-isododecylphenol 4-異十二烷基苯酚 Phenol, 4-isododecyl- 支鏈十二烷基苯酚 Phenol, dodecyl-, branched 四丙基苯酚衍生物 Phenol, (tetrapropenyl) derivatives 四丙基苯酚 Phenol, tetrapropylene-	N.D	SGS EKR21701268

Note: 1. N.D. = Not Detected (未檢出)

Reported day : 2021.07.22

歐盟 RoHS2.0 (restriction of hazardous substances.)			
01	Di-ethyl phthalate (DEP) 鄰苯二甲酸二乙酯	N.D.	SGS EKR21701267
02	Benzyl butyl phthalate (BBP) 鄰苯二甲酸丁酯苯甲酯	N.D.	SGS EKR21701267
03	Di-Butyl Phthalate (DBP) 鄰苯二甲酸二丁酯	N.D.	SGS EKR21701267
04	Di-iso-Butyl phthalate (DIBP) 鄰苯二甲酸二異丁酯	N.D.	SGS EKR21701267
05	多溴聯苯總合 Polybrominated biphenyls (Sum of PBBs)	N.D.	SGS EKR21701267
06	多溴聯苯醚總合 Polybrominated diphenyl ethers (Sum of PBDEs)	N.D.	SGS EKR21701267
07	鎘 Cadmium (Cd)	N.D.	SGS EKR21701267
08	汞 Mercury (Hg)	N.D.	SGS EKR21701267
09	鉛 Lead (Pb)	N.D.	SGS EKR21701267
10	六價鉻 Chromium VI (Cr+6)	N.D.	SGS EKR21701267

Note: 1. N.D. = Not Detected (未檢出)

Reported day : 2021.07.22

REACH and RoHS Compliance



項目	禁用物質名稱	濃度	報告編號
TSCA Section 6(h) PBT 物質管理規定 (TSCA 5 substances. update 2021.01.06)			
	2,4,6-TTBP 2,4,6-三(三級丁基)苯酚	N.D.	SGS EKR 21600773
	decaBDE 十溴二苯醚	N.D.	SGS EKR 21600773
	PCTP 五氯苯硫酚	N.D.	SGS EKR 21600773
	PIP (3:1) 異丙基化磷酸三苯酯	N.D.	SGS EKR 21600773
	HCBd 六氯丁二烯	N.D.	SGS EKR 21600773

Note: 1. N.D. = Not Detected (未檢出)

Reported day : 2021.06.17

2022 .01. 17 第二十六 批 4 項 高關注物質清單				
220	(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) (±)-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	1782069-81-1 95342-41-9 852541-25-4	N.D	SGS EKR21701268A02
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)	36861-47-9 741687-98-9 852541-30-1 852541-21-0	N.D	SGS EKR21701268A02
222	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 硫-(三環[5.2.1.0'2,6]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	N.D	SGS EKR21701268A02
223	三(2-甲氧基乙氧基)乙烯基矽烷 tris(2-methoxyethoxy)vinylsilane	1067-53-4	N.D	SGS EKR21701268A02
2022 .06. 10 第二十七 批 1 項 高關注物質清單				
224	N-(hydroxymethyl)acrylamide N-羥甲基丙烯醯胺	924-42-5	ND	EKR21701268A02

Note: 1. N.D. = Not Detected (未檢出)

Reported date : 2022.07.04