

合宇實業股份有限公司
CO-UNION INDUSTRY CO., LTD.
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DECLARATION

WE, CO-UNION INDUSTRY CO., LTD,

Hereby declares that the following product:

Model name:TC9010082/TC9010084

Name:KID WATER BOTTLE

is in conformity with the following directive and standards:

ROHS&REACH TEST

FDA

BPA FREE

EEC/EC/EU

AUTHORIZED BY



CO-UNION INDUSTRY CO., LTD.

JUN. 3, 2015

合宇實業股份有限公司	廠商編號:H7543
CO-UNION INDUSTRY CO., LTD.	統一編號:73668260
台南縣永康市王行村環工路48號	電話:(06)2338551



台灣塑膠工業股份有限公司麥寮廠

中華民國臺灣省雲林縣麥寮鄉台塑工業園區1號

Formosa Plastics Corporation

Mailiao Plant: NO.1, Formosa Industrial Complex,

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REACH SVHC Disclosure Form

REACH SVHC(高度關注物質) 宣告書

台塑烯 高密度聚乙烯塑膠粒 (TAISOX HIGH DENSITY POLYETHYLENE)

台塑烯 低密度聚乙烯塑膠粒 (TAISOX LOW DENSITY POLYETHYLENE)

台塑烯 線性低密度聚乙烯塑膠粒 (TAISOX LINEAR LOW DENSITY POLYETHYLENE)

台塑烯 聚乙烯醋酸乙烯酯塑膠粒 (TAISOX ETHYLENE-VINYL ACETATE COPOLYMER)

台塑烯以上產品均不含 REACH 所公告下列 144 項高度關注物質 (TAISOX grade(s)

POLYETHYLENE and EVA content no following substances that list of proposed REACH substances of very high concern)

No. 項次	Substance of very high Concern SVHC 高度關注物質	CAS NO. 化學編號	*Declaration (ppm-mg/kg) 宣告值
1	鄰苯二甲酸二丁酯 Dibutyl phthalate (DBP)	84-74-2	不含 (none)
2	五氧化二砷 Diarsenic pentaoxide	1303-28-2	不含 (none)
3	六溴環十二烷及所有主要的非對映異構物 Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	不含 (none)
4	鄰苯二甲酸二(2-乙基己基)酯 Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	不含 (none)
5	砷酸氫鉛 Lead hydrogen arsenate	7784-40-9	不含 (none)
6	短鏈氯化石蠟 Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	不含 (none)
7	蒽 Anthracene	120-12-7	不含 (none)
8	三氧化二砷 Diarsenic trioxide	1327-53-3	不含 (none)
9	鄰苯二甲酸丁酯苯甲酯 Benzyl butyl phthalate (BBP)	85-68-7	不含 (none)
10	三乙基砷酸酯 Triethyl arsenate	15606-95-8	不含 (none)
11	氧化三丁錫 Bis(tributyltin)oxide (TBTO)	56-35-9	不含 (none)
12	4,4' -二氨基二苯甲烷 4,4'-Diaminodiphenylmethane (MDA)	101-77-9	不含 (none)
13	5-叔丁基-2,4,6-三硝基間二甲苯 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	不含 (none)
14	重鉻酸鈉·二倍結晶水 Sodium dichromate	7789-12-0 and 10588-01-9	不含 (none)
15	蒽油, 蒽糊 Anthracene oil, anthracene paste	90640-81-6	不含 (none)
16	鄰苯二甲酸二異丁酯 Diisobutyl phthalate	84-69-5	不含 (none)
17	蒽油, 蒽糊, 輕油 Anthracene oil, anthracene paste, distn. lights	91995-17-4	不含 (none)
18	黃色硫化鉻酸鉛 (C.I. 黃色 34) Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	不含 (none)
19	煤瀝青, 高溫 Coal tar pitch, high temperature	65996-93-2	不含 (none)
20	矽酸鋁氧化鋯, 陶瓷耐火纖維 Zirconia Aluminosilicate, Refractory Ceramic Fibres	—	不含 (none)
21	矽酸鋁, 陶瓷耐火纖維 Aluminosilicate, Refractory Ceramic Fibres	—	不含 (none)

22	蒽油 Anthracene oil	90640-80-5	不含 (none)
23	蒽油, 蒽糊, 蒽餾分離液 Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	不含 (none)
24	三2-(氯乙基)磷酸酯 Tris(2-chloroethyl)phosphate	115-96-8	不含 (none)
25	2,4-二硝基甲苯 2,4-Dinitrotoluene	121-14-2	不含 (none)
26	蒽油, 含蒽量少 Anthracene oil, anthracene-low	90640-82-7	不含 (none)
27	鉻酸鉛 Lead chromate	7758-97-6	不含 (none)
28	紅色鉻鉬酸鉛硫酸鹽 (C.I. 紅色 104) Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	不含 (none)
29	丙烯醯胺 Acrylamide	79-06-1	不含 (none)
30	硼酸 Boric acid	10043-35-3 11113-50-1	不含 (none)
31	鉻酸鉀 Potassium chromate	7789-00-6	不含 (none)
32	鉻酸鈉 Sodium chromate	7775-11-3	不含 (none)
33	三氯乙烯 Trichloroethylene	79-01-6	不含 (none)
34	重鉻酸銨 Ammonium dichromate	7789-09-5	不含 (none)
35	重鉻酸鉀 Potassium dichromate	7778-50-9	不含 (none)
36	水合七氧四硼酸二鈉 Tetraboron disodium heptaoxide, hydrate	12267-73-1	不含 (none)
37	無水四硼酸二鈉 Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3	不含 (none)
38	乙二醇乙醚 2-Ethoxyethanol	110-80-5	不含 (none)
39	硫酸鈷(二價) Cobalt(II) sulphate	10124-43-3	不含 (none)
40	硝酸鈷(二價) Cobalt(II) dinitrate	10141-05-6	不含 (none)
41	三氧化鉻 Chromium trioxide	1333-82-0	不含 (none)
42	乙二醇甲醚 2-Methoxyethanol	109-86-4	不含 (none)
43	醋酸鈷(二價) Cobalt(II) diacetate	71-48-7	不含 (none)
44	碳酸鈷(二價) Cobalt(II) carbonate	513-79-1	不含 (none)
45	從三氧化鉻生成的酸類與其它寡體: Acids generated from chromium trioxide and their oligomers: 鉻酸Chromic acid 重鉻酸Dichromic acid 鉻酸與重鉻酸的其它寡體Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2 尚未指定	不含 (none)
46	鄰苯二甲酸二-(C6-8-支鏈庚酯) (1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP))	71888-89-6	不含 (none)
47	乙二醇乙醚醋酸酯 (2-ethoxyethyl acetate)	111-15-9	不含 (none)
48	鉻酸鋇 (strontium chromate)	7789-06-2	不含 (none)
49	聯胺或水合聯胺 (Hydrazine)	7803-57-8 302-01-2	不含 (none)
50	1-甲基吡咯烷酮 (1-methyl-2-pyrrolidone)	872-50-4	不含 (none)
51	鄰苯二甲酸二-(C7-11支鏈與直鏈)烷基酯 (1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP))	68515-42-4	不含 (none)
52	1,2,3-三氯丙烷 (1,2,3-trichloropropane)	96-18-4	不含 (none)
53	氯化鈷 Cobalt dichloride	7646-79-9	不含 (none)
54	鉻酸鉻 Dichromium tris(chromate)	24613-89-6	不含 (none)
55	酚酞 Phenolphthalein	77-09-8	不含 (none)
56	4,4'-亞甲雙(2-氯苯胺) 或稱 2,2'-二氯-4,4'-亞甲基二苯胺 2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	不含 (none)
57	史蒂芬酸鉛 或稱 2,4,6-三硝基間苯二酚鉛 Lead styphnate	15245-44-0	不含 (none)
58	疊氮化鉛 Lead azide Lead diazide	13424-46-9	不含 (none)
59	鄰苯二甲酸二-(2-甲氧基乙)酯 Bis(2-methoxyethyl) phthalate	117-82-8	不含 (none)
60	甲醛與苯胺寡聚反應的產物(工業級MDA) Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	不含 (none)
61	4-三級辛基苯酚 4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	不含 (none)
62	鉻酸五銻八氫氧化物 Pentazinc chromate octahydroxide	49663-84-5	不含 (none)
63	1,2-二氯乙烷 1,2-dichloroethane	107-06-2	不含 (none)
64	砷酸鉛 Trilead diarsenate	3687-31-8	不含 (none)
65	鄰-甲氧苯胺 2-Methoxyaniline; o-Anisidine	90-04-0	不含 (none)
66	砷酸 Arsenic acid	7778-39-4	不含 (none)
67	N,N-二甲基乙醯胺 N,N-dimethylacetamide (DMAC)	127-19-5	不含 (none)

68	二苦味酸鉛Lead dipicrate	6477-64-1	不含 (none)
69	氫氧化鉻酸鉀鉀Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9	不含 (none)
70	二乙二醇二甲醚Bis(2-methoxyethyl) ether	111-96-6	不含 (none)
71	磷酸鈣Calcium arsenate	7778-44-1	不含 (none)
72	三乙二醇二甲醚1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	不含 (none)
73	乙二醇二甲醚1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	不含 (none)
74	三氧化二硼 Diboron trioxide	1303-86-2	不含 (none)
75	甲醯胺 Formamide	75-12-7	不含 (none)
76	甲基磺酸鉛 Lead(II) bis(methanesulfonate)	17570-76-2	不含 (none)
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 (TGIC)	2451-62-9	不含 (none)
78	β 型異氰尿酸三縮水甘油酯 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC)	59653-74-6	不含 (none)
79	4,4'-二(N,N-二甲胺基)二苯甲酮 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	不含 (none)
80	4,4'-亞甲基雙(N,N-二甲苯胺)N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	不含 (none)
81	([4-[[4-苯胺基-1-萘基][4-(二甲基胺基)苯基]亞甲基]環己-2,5-二烯-1-亞基]二甲基氯化銨(C. I. 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)	2580-56-5	不含 (none)
82	[4-[4,4'-雙(二甲基胺基)二苯亞甲基]環己-2,5-二烯-1-亞基]二甲基氯化銨(C. I. 鹼性紫 3)[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C. I. Basic Violet 3)	548-62-9	不含 (none)
83	(4,4'-雙(二甲基胺基)-4''-(甲基胺基)三苯甲基醇) 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	不含 (none)
84	α, α -雙[4-(二甲基胺基)苯基]-4-(苯基胺基)-1-萘甲醇(C. I. 溶劑藍 4) α, α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C. I. Solvent Blue 4)	6786-83-0	不含 (none)
85	十溴聯苯醚 Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	不含 (none)
86	全氟十三酸 Pentacosafuorotridecanoic acid	72629-94-8	不含 (none)
87	全氟十二烷酸 Tricosafuorododecanoic acid	307-55-1	不含 (none)
88	全氟十一烷酸 Henicosafuoroundecanoic acid	2058-94-8	不含 (none)
89	全氟代十四酸 Heptacosafuorotetradecanoic acid	376-06-7	不含 (none)
90	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 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	-	不含 (none)
91	分支或線性的壬基酚, 含有線性或分支、共價綁定苯酚的 9 個碳烷基鏈的物質, 包括 UVCB 物質以及任何含有獨立或組合的界定明確的同分異構體的物質 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	-	不含 (none)
92	偶氮二甲醯胺 Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	不含 (none)
93	順環己烷-1,2-二羧酸酐 Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7	不含 (none)
94	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 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	不含 (none)
95	甲氧基乙酸 Methoxy acetic acid	625-45-6	不含 (none)
96	1,2-苯二羧二戊酯 (支鏈和直鏈) 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	不含 (none)
97	鄰苯二甲酸二異戊酯 Diisopentylphthalate (DIPP)	605-50-5	不含 (none)
98	鄰苯二甲酸正戊基異戊基酯 N-pentyl-isopentylphthalate	-	不含 (none)

99	乙二醇二乙醚 1,2-Diethoxyethane	629-14-1	不含 (none)
100	N,N-二甲基甲酰胺 N,N-dimethylformamide; dimethyl formamide	68-12-2	不含 (none)
101	二丁基錫 Dibutyltin dichloride (DBT)	683-18-1	不含 (none)
102	碱式乙酸鉛 Acetic acid, lead salt, basic	51404-69-4	不含 (none)
103	碱式碳酸鉛 Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	不含 (none)
104	碱式硫酸鉛 Lead oxide sulfate (basic lead sulfate)	12036-76-9	不含 (none)
105	二鹽基鄰苯二甲酸鉛 [Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	69011-06-9	不含 (none)
106	雙(十八酸基)二氧代三鉛 Dioxobis(stearato)trilead	12578-12-0	不含 (none)
107	C16-18-脂肪酸鉛鹽 Fatty acids, C16-18, lead salts	91031-62-8	不含 (none)
108	氟硼酸鉛 Lead bis(tetrafluoroborate)	13814-96-5	不含 (none)
109	氣基氣鉛鹽 Lead cyanamidate	20837-86-9	不含 (none)
110	硝酸鉛 Lead dinitrate	10099-74-8	不含 (none)
111	氧化鉛 Lead oxide (lead monoxide)	1317-36-8	不含 (none)
112	四氧化三鉛 Lead tetroxide (orange lead)	1314-41-6	不含 (none)
113	鈦酸鉛 Lead titanium trioxide	12060-00-3	不含 (none)
114	鈦酸鉛鎢 Lead Titanium Zirconium Oxide	12626-81-2	不含 (none)
115	氧化鉛與硫酸鉛的複合物 Pentalead tetraoxide sulphate	12065-90-6	不含 (none)
116	顏料黃 41 Pyrochlore, antimony lead yellow	8012-00-8	不含 (none)
117	摻雜鉛的矽酸鋇 Silicic acid, barium salt, lead-doped	68784-75-8	不含 (none)
118	矽酸鉛 Silicic acid, lead salt	11120-22-2	不含 (none)
119	亞硫酸鉛 (II) Sulfurous acid, lead salt, dibasic	62229-08-7	不含 (none)
120	四乙基鉛 Tetraethyllead	78-00-2	不含 (none)
121	三域式硫酸鉛 Tetralead trioxide sulphate	12202-17-4	不含 (none)
122	磷酸氧化鉛 Trilead dioxide phosphonate	12141-20-7	不含 (none)
123	呋喃 Furan	110-00-9	不含 (none)
124	環氧丙烷 Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	不含 (none)
125	硫酸二乙酯 Diethyl sulphate	64-67-5	不含 (none)
126	硫酸二甲酯 Dimethyl sulphate	77-78-1	不含 (none)
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	不含 (none)
128	地樂酚 Dinoseb	88-85-7	不含 (none)
129	4,4'-二氨基-3,3'-二甲基二苯甲烷 4,4'-methylenedi-o-toluidine	838-88-0	不含 (none)
130	4,4'-二氨基二苯醚 4,4'-oxydianiline and its salts	101-80-4	不含 (none)
131	4-胺基偶氮苯 4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	不含 (none)
132	2,4-二氨基甲苯 4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	不含 (none)
133	2-甲氧基-5-甲基苯胺 6-methoxy-m-toluidine (p-cresidine)	120-71-8	不含 (none)
134	4-氨基聯苯 Biphenyl-4-ylamine	92-67-1	不含 (none)
135	鄰氨基偶氮甲苯 o-aminoazotoluene	97-56-3	不含 (none)
136	鄰甲基苯胺 o-Toluidine; 2-Aminotoluene	95-53-4	不含 (none)
137	N-甲基乙酰胺 N-methylacetamide	79-16-3	不含 (none)
138	溴代正丙烷 1-bromopropane; n-propyl bromide	106-94-5	不含 (none)
139	鎘 Cadmium	7440-43-9	不含 (none)
140	十五代氟辛酸胺鹽 (APFO) Ammonium pentadecafluorooctanoate	3825-26-1	不含 (none)
141	全氟辛酸 (PFOA) Pentadecafluorooctanoic acid	335-67-1	不含 (none)
142	鄰苯二甲酸二正戊酯 (DPP) Dipentyl phthalate	131-18-0	不含 (none)
143	壬基苯酚, 支化或者線性, 乙氧基 4-Nonylphenol, branched and linear, ethoxylated		不含 (none)
144	氧化鎘 Cadmium oxide	1306-19-0	不含 (none)



WEN-HAO KANG

Senior Engineer TechnicDept.

Polyolefin Division

July.04.2013