公 司 名 稱 ： 建準電機工業股份有限公司

Company Name ： Sunonwealth Electric Machine Industry Co., Ltd

公 司 地 址 ： 806 高雄市前鎮區新衙路296巷30號

Company Address ： No. 30, Ln. 296, Xinya Rd., Qianzhen Dist., Kaohsiung City 806, Taiwan

連繫人Contact Person ： 王 藝 璇 Cathy Wang

連絡電話 Tel ： 886-7-8156100 #3196

REACH COMPLIANCE STATEMENT

茲保證建準生產的風扇符合歐盟 REACH 指令 (EC)No1907/2006 的規定，風扇中 163 項高度關注物質的質量比(w/w)含量＜ 0.1% ，無須向歐洲化學總署執行註冊登記與通報。
目前，REACH 對 Sunon 產品並無影響，惟為了避免砥觸 REACH 法令規定，建準將持續關注 REACH 法規指令修訂訊息，如果有衝擊到 SUNON 產品，SUNON 將立即通知客戶。

We certify that the fan is complying with the rule of EU REACH Regulation (EC) No1907/2006. The weight of the SVHC (163 item) substance in the fan is less than 0.1 %(w/w), no need to register and notify to the ECHA.
At present, REACH does not impact Sunon. However, in order to avoid violate REACH, Sunon will pay more attention to updated amending messages; and if it does influence to Sunon's product, Sunon will inform the customers immediately.

Signature ： 李明科

Title ： Yuan-Tong Factory QA Senior Specialist

Date ： 2015/ 09 / 07

Company Stamp:

The 163 item of SVHC are listed as the attachment:

編號 No	物質名稱 Name	化學文摘社編號 CAS NO
1	氯化鈷 Cobalt dichloride)	7646-79-9
2	重鉻酸鈉二水合物 Sodium dichromate,dihydrate	7789-12-0 10588-01-9
3	五氧化二砷 Arsenic pentoxide	1303-28-2
4	三氧化二砷 Diarsenic trioxide	1327-53-3
5	酸式砷酸鉛 Lead hydrogen arsenate	7784-40-9
6	三乙基砷酸酯 Triethyl arsenate	15606-95-8
7	鄰苯二甲酸二丁酯 Dibutyl phthalate	84-74-2
8	鄰苯二甲酸二(2-乙基己基)酯 DEHP, Bis (2-ethyl(hexyl)phthalate	117-81-7
9	鄰苯二甲酸丁苄酯 Benzyl butyl phthalate	85-68-7
10	蒽 Anthracene	120-12-7
11	氧化三丁錫 Bis(tributyltin)oxide	56-35-9
12	二甲苯麝香 5-tert-butyl-2,4,6-trinitro-m-xylene ,musk xylene	81-15-2
13	六溴環十二烷 HBCDD, Hexabromocyclododecane	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8
14	C10-13 氯代烴(短鏈氯化蠟) Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8
15	4,4'- 二氨基二苯甲烷 4,4'-Diaminodiphenylmethane	101-77-9

16	蒽油 Anthracene oil	90640-80-5
17	蒽油,蒽糊,輕油 Anthracene oil, anthracene paste, distn. Lights	91995-17-4
18	蒽油,蒽糊,蒽餾分離液 Anthracene oil, anthracene paste, anthracene fraction	91995-15-2
19	蒽油,含蒽量少 Anthracene oil, anthracene-low	90640-82-7
20	蒽油,蒽糊 Anthracene oil, anthracene paste	90640-81-6
21	煤瀝青,高溫 Coal tar pitch, high temperature	65996-93-2
22	矽酸鋁,陶瓷耐火纖維 Aluminosilicate, Refractory Ceramic Fibres	EC Number 650-017-00-8
23	矽酸鋁氧化鋯,陶瓷耐火纖維 Zirconia Aluminosilicate, Refractory Ceramic Fibres	EC Number 650-017-00-8
24	2,4-二硝基甲苯 2,4-Dinitrotoluene	121-14-2
25	鄰苯二甲酸二異丁酯 Diisobutyl phthalate （DIBP）	84-69-5
26	鉻酸鉛 Lead chromate	7758-97-6
27	紅色鉬鉻酸鉛硫酸鹽 Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8
28	黃色硫化鉻酸鉛 Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2
29	三 2-(氯乙基)磷酸酯 Tris(2-chloroethyl)phosphate	115-96-8
30	丙烯醯胺 Acrylamide	79-06-1
31	三氯乙烯 Trichloroethylene	79-01-6
32	硼酸 Boric acid	10043-35-3 11113-50-1
33	硼砂,四硼酸二钠 Disodium tetraborate,anhydrous	1330-43-4 12179-04-3 1303-96-4

34	水合硼酸鈉 tetraboron disodium heptaoxide, hydrate	12267-73-1
35	鉻酸鈉 Sodium chromate	7775-11-3
36	鉻酸钾 Potassium chromate	7789-00-6
37	重铬酸铵 Ammonium dichromate	7789-09-5
38	重铬酸钾 Potassium dichromate	7778-50-9
39	硫酸钴 Cobalt sulfate	10124-43-3
40	硝酸钴 Cobalt dinitrate	10141-05-6
41	碳酸钴 Cobalt carbonate	513-79-1
42	醋酸钴 Cobalt diacetate	71-48-7
43	2-甲氧基乙醇 2-Methoxyethanol	109-86-4
44	2-乙氧基乙醇 2-Ethoxyethanol	110-80-5
45	三氧化铬 Chromium trioxide	1333-82-0
46	從三氧化鉻生成的酸類與其它寡體。包含：鉻酸、重鉻酸、鉻酸與重鉻酸的其它寡體。 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
47	2-ethoxyethyl acetate 乙酸-2-乙氧基乙酯	111-15-9
48	Strontium chromate 鉻酸鍶	7789-06-2
49	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	68515-42-4

50	Hydrazine 肼	7803-57-8 302-01-2
51	1-methyl-2-pyrrolidone N-甲基吡咯烷酮	872-50-4
52	1,2,3-trichloropropane 1,2,3-三氯丙烷	96-18-4
53	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
54	Dichromium tris(chromate)　鉻酸鉻	24613-89-6
55	Potassium hydroxyo-ctaoxodizincatedi-chromate 氫氧化鉻酸鋅鉀	11103-86-9
56	Pentazinc chromate octahydroxide 氫氧化鉻酸鋅	49663-84-5
57	1,3,5-tris[(2S AND 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trion(β-TGIC) β 型異氰尿酸三縮水甘油脂	59653-74-6
58	Crystal Violet　鹼性紫 3	548-62-9
59	Formaldehyde,oligomeric reaction products withaniline(technical MDA)甲醛與苯胺的聚合物	25214-70-4
60	Bis(2-methoxyethyl phthalate)鄰苯二甲酸二甲氧乙脂（DMEP）	117-82-8
61	2-Methoxyaniline; o-anisidine 2-甲氧基苯胺；鄰氨基苯甲醚	90-04-0
62	4-(1,1,3,3-tetrameth-ylbutyl)phenol,(4-tert-octylphenol) 對特辛基苯酚	140-66-9
63	1,2-Dichloroethane1,2 二氯乙烷	107-06-2
64	Bis(2-methoxyethyl)ether 雙（2-甲氧基乙基）醚	111-96-6
65	Arsenic acid 砷酸	7778-39-4

66	Calcium arsenate 砷酸鈣	7778-44-1
67	Trilead diarsenate 砷酸鉛	3687-31-8
68	N,N-dimethylace-tamide(DMAC)N,N-二甲基乙醯胺（DMAC）	127-19-5
69	2,2'-dichloro-4,4'-menthylenedianiline(MQCA) 2,2'-二氯-4,4'-亞甲基二苯胺（MOCA）	101-14-4
70	Phenolphthalein 酚酞	77-09-8
71	Lead diazide 疊氮化鉛	13424-46-9
72	Lead styphnate 收斂酸鉛	15245-44-0
73	Lead dipicrate 苦味酸鉛	6477-64-1
74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme) 三甘醇二甲醚	112-49-2
75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) 乙二醇二甲醚	110-71-4
76	Diboron trioxide 三氧化二硼	1303-86-2
77	Formamide 甲酰胺	75-12-7
78	Lead(II) bis(methanesulfonate) 甲基磺酸鉛	17570-76-2
79	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) 異氰尿酸三縮水甘油酯	2451-62-9
80	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
81	N,N,N'-tetramethyl-4,4'-methylenedianiline(Michler's base) 4,4'-(對二甲氨基)二苯基甲烷(米氏鹼)	101-61-1

82	[4-[[4-anilino-1-naphthyl] [4-(dimethylamino)phenyl] methylene]cyclohexa-2,5-dien-1-ylidene]di methylammonium chloride (C.I. Basic Blue 26) C.I. 鹼性藍 26	2580-56-5
83	α,α-Bis[4-(dimethylamino)phenyl]-4(phenyl amino)naphthalene-1-methanol (C.I. Solvent Blue 4) C.I.溶劑藍 4	6786-83-0
84	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
85	Decabromodiphenyl ether commercial product (Bis(pentabromophenyl) ether, DecaBDE) 十溴聯苯醚	1163-19-5
86	Pentacosafluorotridecanoic acid 全氟十三酸	72629-94-8
85	Decabromodiphenyl ether commercial product (Bis(pentabromophenyl) ether, DecaBDE) 十溴聯苯醚	1163-19-5
86	Pentacosafluorotridecanoic acid 全氟十三酸	72629-94-8
87	Tricosafluorododecanoic acid 全氟十二烷酸	307-55-1
88	Henicosafluoroundecanoic acid 全氟十一烷酸	2058-94-8
89	Heptacosafluorotetradecanoic acid 全氟代十四酸	376-06-7
90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) 偶氮二甲酰胺	123-77-3

91	Hexahydro-2-benzofuran-1,3-dione (HHPA)； Cis-cyclohexane-1,2-dicarboxylic anhydride； Trans-cyclohexane-1,2-dicarboxylic anhydride. 六氫鄰苯二甲酸酐 六氫-1,3-異苯并呋喃二酮 反-1,2-環己烷二羧酸酐	85-42-7 13149-00-3 14166-21-3
92	Hexahydromethylphathalic anhydride; Hexahydro-4-methylphathalic anhydride; Hexahydro-1-methylphathalic anhydride; Hexahydro-3-methylphathalic 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-甲基六氫苯二甲酯酐	25550-51-0 19438-60-9 48122-14-1 57110-29-9
93	Phenol, 4-nonyl-,branched and linear covers all indiv. isomers w/an alkyl chain of carbon #9 and UVCB subs which include 4-壬基（支鏈與直鏈）苯酚 （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）	84852-15-3
94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated covering well-defined substances and UVCB substances, polymers and homologues 對特辛基苯酚乙氧基醚（包括界定明確的物質以及 UVCB 物質、聚合物和同系物）	2315-67-5
95	Methoxy acetic acid 甲氧基乙酸	625-45-6
96	Dibutyltin dichloride (DBT) 二丁基二氯化錫（DBTC）	683-18-1
97	Dimethyl formamide N,N-二甲基甲酰胺	68/12/2
98	Lead oxide (lead monoxide) 氧化鉛	1317-36-8
99	Lead tetroxide (orange lead) 四氧化三鉛	1314-41-6

100	Lead bis(tetrafluoroborate) 氟硼酸鉛	13814-96-5
101	Trilead bis(carbonate)dihydroxide (basic lead carbonate) 碳式碳酸鉛	1319-46-6
102	Lead titanium trioxide 鈦酸鉛	12060-00-3
103	Lead titanium zirconium oxide 鈦酸鉛鋯	12626-81-2
104	Silicic acid, lead salt 硅酸鉛	11120-22-2
105	Silicic acid, barium salt, lead-doped 摻雜鉛的硅酸鋇（鉛含量超出 CLP 指令表述的致生殖毒性 1A、DSD 指令致生殖毒性 1 類的通用限制濃度限制；（EC）No 1272/2008 下指引號為 082-001-00-6 的一組含鉛化合物）	68784-75-8
106	1-Bromopropane 溴代正丙烷	106-94-5
107	Propylene oxide (1,2-epoxypropane; methyloxirane) 環氧丙烷	75-56-9
108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear 支鏈和直鏈 1.，2-苯二羧二戊酯	84777-06-0
109	Diisopentylphthalate 鄰苯二甲酸二異戊酯（DIPP）	605-50-5
110	N-pentyl-isopentylphthalate 鄰苯二甲酸正戊基異戊基酯	776297-69-9
111	1,2-Diethoxyethane 乙二醇二乙醚	629-14-1
112	Acetic acid, lead salt, basic 鹼式乙酸鉛	51404-69-4
113	Lead oxide sulfate 鹼式硫酸鉛	12036-76-9
114	[Phthalato(2-)]dioxotrilead 二鹽基鄰苯二甲酸鉛	69011-06-9
115	Dioxobis(stearato)trilead 雙（十八酸基）二氧代三鉛	12578-12-0

116	Fatty acids, C16-18, lead salts C16-18 脂肪酸鉛鹽	91031-62-8
117	Lead cynamidate 氨基氰鉛鹽	20837-86-9
118	Lead dinitrate 硝酸鉛	10099-74-8
119	Pentalead tetraoxide sulphate 氧化鉛與硫酸鉛的複合物	12065-90-6
120	Pyrochlore, antimony lead yellow 顏料黃 41	8012-00-8
121	Sulfurous acid, lead salt, dibasic 氧化鉛與硫化鉛的複合物	62229-08-7
122	Tetraethyl lead 四乙基鉛	78-00-2
123	Tetralead trioxide sulphate 三鹼式硫酸鉛	12202-17-4
124	Trilead dioxide phosphonate 磷酸氧化鉛	12141-20-7
125	Furan 呋喃	110-00-9
126	Diethyl sulphate 硫酸二乙酯	64-67-5
127	Dimethyl sulphate; Sulfuric acid, dimethyl ester; dimethyl sulpate (DMS) 硫酸二甲酯	77-78-1
128	3-Ethyl-2-methyl-2-(3methylbutyl)-1,3oxazolidine 3-乙基-2-甲基-2-（3-甲基丁基）噁唑烷	143860-04-2
129	Dinoseb 地樂酚	88-85-7
130	4,4'-oxydianiline and its salts 4,4'-二氨基二苯醚	101-80-4
131	4-Aminoazobenzene; 4-Phenylazoaniline 對氨基偶氮苯	60-09-3
132	4-Methyl-m-phenylenediamine (2,4-toluene-diamine) 2,4-二氨基甲苯	95-80-7

133	6-methoxy-m-toluidine; p-cresidine 2-甲氧基-5-甲基苯胺	120-71-8
134	Biphenyl-4-ylamine 4-氨基聯苯	92-67-1
135	O-Aminoazotoluene 鄰氨基偶氮甲苯	97-56-3
136	o-toluidine 鄰甲基苯胺	95-53-4
137	N-methylacetamide N-甲基乙酰胺	79-16-3
138	4,4'-Methylenedi-o-toluidine 4,4'-二氨基-3,3'-二甲基二苯甲烷	838-88-0
139	Cadmium 鎘	7440-43-9
140	Cadmium oxide 氧化鎘	1306-19-0
141	Ammonium pentadecafluorooctanoate (APFO) 十五代氟辛酸銨鹽/全氟辛酸銨	3825-26-1
142	Pentadecafluorooctanoic acid (PFOA) 全氟辛酸	335-67-1
143	Dipentyl phthalate (DPP) 鄰苯二甲酸二正戊酯	131-18-0
144	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] 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	

145	Cadmium sulphide 硫化鎘	1306-23-6
146	Dihexyl phthalate (DHP/DNHP) 鄰苯二甲酸二己酯	84-75-3
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) C.I. 直接紅 28	573-58-0
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) C.I. 直接黑 38	1937-37-7
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol 亞乙基硫脲	96-45-7
150	Lead di(acetate) 醋酸鉛	301-04-2
151	Trixylyl phosphate 磷酸三(二甲苯)酯	25155-23-1
152	Cadmium chloride 氯化鎘	10108-64-2
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 支鏈和直鏈的 1,2-苯二甲酸二己酯	68515-50-4
154	Sodium peroxometaborate 過硼酸鈉	7632-04-4
155	Sodium perborate; perboric acid, sodium salt 水合過硼酸鈉	
156	Cadmium fluoride 氟化镉	7790-79-6
157	Cadmium sulphate 硫酸镉	10124-36-4, 31119-53-6
158	2-Benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320) 2-苯並三唑-2-基-4,6-二叔丁基苯酚	3846-71-7
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) 2-(2H-苯並三唑-2-基)-4,6-二叔戊基苯酚	25973-55-1
160	2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) 二正辛基-雙（2-乙基己基巯基乙酸酯）錫	15571-58-1

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-雙（2-乙基己基巰基乙酸酯）錫（DOTE）和單辛基-三(2-乙基己基巰基乙酸酯)錫（MOTE）的反應物	
162	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) 1,2-苯二甲酸二-碳 6-10-烷基酯; (癸基，己基，辛基)酯不 1，2-鄰苯二甲酸的複合物且鄰苯二甲酸二己酯含量≥0.3%	68515-51-5 68648-93-1
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 isomers of [1] and [2] or any combination thereof] 5-仲丁基-丁基-2-(2,4-二甲基環己胺-3-乙二胺-1-基)-5-甲基-1,3-二氧乙烷[1], 5-仲丁基-丁基-2-(4,6-二甲基環己胺-3-乙二胺-1-基)-5-甲基-1,3-二氧乙烷[2]（這兩種物質的異極體以及它們的混合物）	