




## TXC CORPORATION

### Certificate of Compliance (CoC)

Supplier CoC Number : 2016012101

#### Supplier Information

<b>Company Name</b> : TXC CORPORATION	<b>Address</b> : 4F, No. 16, Sec. 2, ChungYangS. Rd., Peitou 112, Taipei, Taiwan
<b>SRSM</b> (Supplier Restricted Substance Manager) : Swallow Lin	<b>Title</b> : QSM Deputy Manager
<b>SRSM Phone</b> : 886-3-4698121#3606	<b>Email</b> : swallow@txc.com.tw
<b>Signature</b> : 	<b>Date</b> : 2016/01/21

**These parts do not contain Lead , Cadmium , Mercury ,Chromium VI (Cr<sup>6+</sup>) , PBBs and PBDEs (Included DecaBDE) , PFOS and PFOA , banned substance, which absolutely meet the requirement of RoHS2.0(2011/65/EU) , PFOS(2006/122/EC).**

**These parts are Halogen Free (Bromine (Br)< 900ppm; Chlorine (Cl) < 900ppm; Total concentration of bromine (Br)+ chlorine (Cl)<1500ppm) and do not contain any of ECHA has proposed 168 ubstances of Very High Concern (SVHC) per the candidate list of 17 December , 2015 above 0.1% by weight.**

#### Product Information

<b>Customer P/N</b> : -	<b>Description</b> :
<b>Vendor P/N</b> : 9H Series	

No	CAS Number	Substance Name	Date of inclusion
1	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	2008/10/28
2	120-12-7	Anthracene	2008/10/28



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3	85535-84-8	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	2008/10/28
4	101-77-9	4,4'- Diaminodiphenylmethane (MDA)	2008/10/28
5	84-74-2	Dibutyl phthalate (DBP)	2008/10/28
6	7789-12-0 10588-01-9	Sodium dichromate	2008/10/28
7	1303-28-2	Diarsenic pentaoxide	2008/10/28
8	15606-95-8	Triethyl arsenate	2008/10/28
9	1327-53-3	Diarsenic trioxide	2008/10/28
10	81-15-2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	2008/10/28
11	56-35-9	Bis(tributyltin)oxide (TBTO)	2008/10/28
12	117-81-7	Bis (2-ethylhexyl)phthalate (DEHP)	2008/10/28
13	85-68-7	Benzyl butyl phthalate (BBP)	2008/10/28
14	7784-40-9	Lead hydrogen arsenate	2008/10/28
15	91995-17-4	Anthracene oil, anthracene paste, distn. lights	2010/01/13
16	65996-93-2	Pitch, coal tar, high temp.	2010/01/13
17	90640-81-6	Anthracene oil, anthracene paste	2010/01/13
18	7758-97-6	Lead chromate	2010/01/13
19	115-96-8	Tris(2-chloroethyl)phosphate	2010/01/13
20	84-69-5	Diisobutyl phthalate	2010/01/13
21	90640-82-7	Anthracene oil, anthracene-low	2010/01/13
22	91995-15-2	Anthracene oil, anthracene paste, anthracene fraction	2010/01/13
23	90640-80-5	Anthracene oil	2010/01/13
24	121-14-2	2,4-Dinitrotoluene	2010/01/13
25	12656-85-8	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	2010/01/13
26	1344-37-2	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	2010/01/13
27	79-06-1	Acrylamide	2010/03/30
28	7789-00-6	Potassium chromate	2010/06/18
29	1303-96-4 1330-43-4 12179-04-3	Disodium tetraborate, anhydrous	2010/06/18
30	7775-11-3	Sodium chromate	2010/06/18
31	7789-09-5	Ammonium dichromate	2010/06/18
32	10043-35-3 11113-50-1	Boric acid	2010/06/18
33	12267-73-1	Tetraboron disodium heptaoxide, hydrate	2010/06/18
34	7778-50-9	Potassium dichromate	2010/06/18
35	79-01-6	Trichloroethylene	2010/06/18
36	10141-05-6	Cobalt(II) dinitrate	2010/12/15
37	513-79-1	Cobalt(II) carbonate	2010/12/15
38	1333-82-0	Chromium trioxide	2010/12/15
39	109-86-4	2-Methoxyethanol	2010/12/15
40	7738-94-5 13530-68-2	Acids generated from chromium trioxide and their oligomers Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	2010/12/15



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41	10124-43-3	Cobalt(II) sulphate	2010/12/15
42	110-80-5	2-Ethoxyethanol	2010/12/15
43	71-48-7	Cobalt(II) diacetate	2010/12/15
44	302-01-2 7803-57-8	Hydrazine	2011/06/20
45	111-15-9	2-Ethoxyethyl acetate	2011/06/20
46	96-18-4	1,2,3-Trichloropropane	2011/06/20
47	872-50-4	1-Methyl-2-pyrrolidone	2011/06/20
48	68515-42-4	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	2011/06/20
49	7789-06-2	Strontium chromate	2011/06/20
50	71888-89-6	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	2011/06/20
51	7646-79-9	Cobalt dichloride	2011/06/20 - 2008/10/28
52	101-14-4	2,2'-dichloro-4,4'-methylenedianiline	2011/12/19
53	111-96-6	Bis(2-methoxyethyl) ether	2011/12/19
54	-	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight	2011/12/19
55	3687-31-8	Trilead diarsenate	2011/12/19
56	117-82-8	Bis(2-methoxyethyl) phthalate	2011/12/19
57	15245-44-0	Lead styphnate	2011/12/19
58	25214-70-4	Formaldehyde, oligomeric reaction products with aniline	2011/12/19
59	11103-86-9	Potassium hydroxyoctaoxodizincatedichromate	2011/12/19
60	7778-39-4	Arsenic acid	2011/12/19
61	-	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18% by weight	2011/12/19
62	49663-84-5	Pentazinc chromate octahydroxide	2011/12/19
63	90-04-0	2-Methoxyaniline; o-Anisidine	2011/12/19
64	24613-89-6	Dichromium tris(chromate)	2011/12/19
65	7778-44-1	Calcium arsenate	2011/12/19



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66	107-06-2	1,2-dichloroethane	2011/12/19
67	6477-64-1	Lead dipicrate	2011/12/19
68	13424-46-9	Lead diazide, Lead azide	2011/12/19
69	140-66-9	4-(1,1,3,3-tetramethylbutyl)phenol	2011/12/19
70	127-19-5	N,N-dimethylacetamide	2011/12/19
71	77-09-8	Phenolphthalein	2011/12/19
72	90-94-8	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	2012/06/18
73	2451-62-9	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2012/06/18
74	2580-56-5	[4-[[4-anilino-1-naphthyl][4 (dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2012/06/18
75	110-71-4	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	2012/06/18
76	548-62-9	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2012/06/18
77	17570-76-2	Lead(II) bis(methanesulfonate)	2012/06/18
78	561-41-1	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2012/06/18
79	75-12-7	Formamide	2012/06/18
80	112-49-2	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	2012/06/18
81	1303-86-2	Diboron trioxide	2012/06/18
82	101-61-1	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	2012/06/18
83	59653-74-6	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)	2012/06/18
84	6786-83-0	$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2012/06/18
85	20837-86-9	Lead cyanamidate	2012/12/19
86	62229-08-7	Sulfurous acid, lead salt, dibasic	2012/12/19
87	123-77-3	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	2012/12/19
88	101-80-4	4,4'-oxydianiline and its salts	2012/12/19
89	1314-41-6	Orange lead (lead tetroxide)	2012/12/19
90	91031-62-8	Fatty acids, C16-18, lead salts	2012/12/19
91	92-67-1	Biphenyl-4-ylamine	2012/12/19
92	84777-06-0	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	2012/12/19
93	605-50-5	Diisopentylphthalate	2012/12/19
94	95-80-7	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	2012/12/19
95	97-56-3	o-aminoazotoluene	2012/12/19
96	12141-20-7	Trilead dioxide phosphonate	2012/12/19
97	75-56-9	Methyloxirane (Propylene oxide)	2012/12/19
98	625-45-6	Methoxyacetic acid	2012/12/19
99	72629-94-8	Pentacosafuorotridecanoic acid	2012/12/19



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100	12578-12-0	Dioxobis(stearato)trilead	2012/12/19
101	106-94-5	1-bromopropane (n-propyl bromide)	2012/12/19
102	307-55-1	Tricosafuorododecanoic acid	2012/12/19
103	376-06-7	Heptacosafuorotetradecanoic acid	2012/12/19
104	12065-90-6	Pentalead tetraoxide sulphate	2012/12/19
105	776297-69-9	N-pentyl-isopentylphthalate	2012/12/19
106	78-00-2	Tetraethyllead	2012/12/19
107	69011-06-9	[Phthalato(2-)]dioxotrilead	2012/12/19
108	51404-69-4	Acetic acid, lead salt, basic	2012/12/19
109	12202-17-4	Tetralead trioxide sulphate	2012/12/19
110	79-16-3	N-methylacetamide	2012/12/19
111	629-14-1	1,2-Diethoxyethane	2012/12/19
112	88-85-7	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	2012/12/19
113	1163-19-5	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	2012/12/19
114	12060-00-3	Lead titanium trioxide	2012/12/19
115	12036-76-9	Lead oxide sulfate	2012/12/19
116	110-00-9	Furan	2012/12/19
117	-	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]	2012/12/19
118	-	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	2012/12/19
119	68-12-2	N,N-dimethylformamide	2012/12/19
120	77-78-1	Dimethyl sulphate	2012/12/19
121	64-67-5	Diethyl sulphate	2012/12/19
122	838-88-0	4,4'-methylenedi-o-toluidine	2012/12/19
123	1319-46-6	Trilead bis(carbonate)dihydroxide	2012/12/19
124	68784-75-8	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	2012/12/19
125	10099-74-8	Lead dinitrate	2012/12/19
126	13814-96-5	Lead bis(tetrafluoroborate)	2012/12/19
127	683-18-1	Dibutyltin dichloride (DBTC)	2012/12/19
128	143860-04-2	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	2012/12/19
129	95-53-4	o-Toluidine	2012/12/19
130	1317-36-8	Lead monoxide (lead oxide)	2012/12/19
131	12626-81-2	Lead titanium zirconium oxide	2012/12/19
132	11120-22-2	Silicic acid, lead salt	2012/12/19
133	60-09-3	4-Aminoazobenzene	2012/12/19
134	2058-94-8	Henicosafuoroundecanoic acid	2012/12/19
135	8012-00-8	Pyrochlore, antimony lead yellow	2012/12/19



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136	85-42-7 13149-00-3 14166-21-3	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	2012/12/19
137	120-71-8	6-methoxy-m-toluidine (p-cresidine)	2012/12/19
138	25550-51-0 19438-60-9 48122-14-1 57110-29-9	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	2012/12/19
139	1306-19-0	Cadmium oxide	2013/06/20
140	-	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]	2013/06/20
141	131-18-0	Dipentyl phthalate (DPP)	2013/06/20
142	335-67-1	Pentadecafluorooctanoic acid (PFOA)	2013/06/20
143	3825-26-1	Ammonium pentadecafluorooctanoate (APFO)	2013/06/20
144	7440-43-9	Cadmium	2013/06/20
145	1306-23-6	Cadmium sulphide	2013/12/16
146	84-75-3	Diethyl phthalate	2013/12/16
147	573-58-0	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	2013/12/16
148	1937-37-7	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)	2013/12/16
149	96-45-7	Imidazolidine-2-thione; 2-imidazoline-2-thiol	2013/12/16
150	301-04-2	Lead di(acetate)	2013/12/16
151	25155-23-1	Triethyl phosphate	2013/12/16
152	10108-64-2	Cadmium chloride	2014/06/16
153	7632-04-4	Sodium peroxometaborate	2014/06/16
154	-	Sodium perborate; perboric acid, sodium salt	2014/06/16
155	68515-50-4	1,2-Benzenedicarboxylic acid, diethyl ester, branched and linear	2014/06/16
156	25973-55-1	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	2014/12/17
157	3846-71-7	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	2014/12/17
158	15571-58-1	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	2014/12/17
159	7790-79-6	Cadmium fluoride	2014/12/17
160	10124-36-4 31119-53-6	Cadmium sulphate	2014/12/17



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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)	2014/12/17
162	68515-51-5 68648-93-1	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	2015/06/15
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]	2015/06/15
164	1120-71-4	1,3-propanesultone	2015/12/17
165	3864-99-1	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	2015/12/17
166	36437-37-3	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	2015/12/17
167	98-95-3	Nitrobenzene	2015/12/17
168	375-95-1 21049-39-8 4149-60-4	Perfluorononan-1-oic-acid and its sodium and ammonium salts	2015/12/17