





TXC CORPORATION
Certificate of Compliance (CoC)

Supplier CoC Number : 2014031401

Supplier Information

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| Company Name : TXC CORPORATION | Address : NO.189 HuangShan West Road BeiLun District ZheJiang province China |
| SRSM (Supplier Restricted Substance Manager) : Samson Xiong | Title : QA Manager |
| SRSM Phone : 86-574-86874666#5300 | Email : nsamson@txc.com.tw |
| Signature:   | Date : 2014/03/14 |

These parts do not contain Lead , Cadmium , Mercury , Chromium VI (Cr⁶⁺) , 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 151 Substances of Very High Concern (SVHC) per the candidate list of 16 December , 2013 above 0.1% by weight.

Product Information

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| Customer P/N : - | Description : SMD Seam 3225 |
| Vendor P/N : 7M 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 |
| 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 |



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| 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 |
| 41 | 10124-43-3 | Cobalt(II) sulphate | 2010/12/15 |
| 42 | 140-80-5 | 2-Ethoxyethanol | 2010/12/15 |
| 43 | 71-48-7 | Cobalt(II) diacetate | 2010/12/15 |



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| 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 ₂ O+K ₂ 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 hydroxyoctaoxidizincatedichromate | 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 ₂ O+K ₂ 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 |
| 66 | 107-06-2 | 1,2-dichloroethane | 2011/12/19 |
| 67 | 6477-64-1 | Lead dipicrate | 2011/12/19 |



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| 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 (β -TGIC) | 2012/06/18 |
| 84 | 6786-83-0 | α,α -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 |
| 100 | 12578-12-0 | Dioxobis(stearato)trilead | 2012/12/19 |
| 101 | 106-94-5 | 1-bromopropane (n-propyl bromide) | 2012/12/19 |



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| 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 ₂ Si ₂ O ₅), 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 | 8912-00-8 | 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 | Dihexyl 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 | Trixylyl phosphate | 2013/12/16 |