

**REACH 1907/2006/EC  
Registration, Evaluation, Authorization and restriction of Chemicals**

May 11, 2012  
To: CSI Customers

The following statement defines and emphasizes CSI Technologies current position and future steps to comply with the European Union regulation known as [REACH 1907/2006/EC](#)

Statement.

CSI Technologies does not intentionally add or use any of the substances listed below in our manufacturing process. We have no evidence of ever using any of the chemicals listed and are comfortable with issuing this statement for material manufactured by CSI technologies dating as far as June 2006 on all ROHS certified products.

<b>Substance</b>	<b>Details of Restriction (Limit by weight)</b>
<i>Acryl amide</i>	1000 ppm (0,1%)
Alpha-hexabromocyclododecane	1000 ppm (0,1%)
<i>Aluminosilicate Refractory Ceramic Fibres</i> (Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008, and fulfil the two following conditions: a) Al <sub>2</sub> O <sub>3</sub> and SiO <sub>2</sub> are present within the following concentration ranges: • Al <sub>2</sub> O <sub>3</sub> : 43.5 – 47 % w/w, and SiO <sub>2</sub> : 49.5 – 53.5 % w/w, or • Al <sub>2</sub> O <sub>3</sub> : 45.5 – 50.5 % w/w, and SiO <sub>2</sub> : 48.5 – 54 % w/w, b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometers (µm).) • 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 <a href="#">REACH 1907/2006/EC</a> 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	1000 ppm (0,1%)
<i>Ammonium dichromate</i>	1000 ppm (0,1%)
Anthracene	1000 ppm (0,1%)
Anthracene oil, paste, fraction, anthracene-low, distn. Lights	1000 ppm (0,1%)
Arsenic acid	1000 ppm (0,1%)
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	1000 ppm (0,1%)
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	1000 ppm (0,1%)
Beta-hexabromocyclododecane	1000 ppm (0,1%)
Bis (2-ethylhexyl) phthalate (DEHP)	1000 ppm (0,1%)
Bis (2-methoxyethyl) ether	1000 ppm (0.1%)
Bis (2-methoxyethyl) phthalate	1000 ppm (0.1%)
Boric acid	1000 ppm (0,1%)
Butyl benzyl phthalate (BBP)	1000 ppm (0,1%)
Cadmium/Cadmium compounds	100 ppm (0,01%)
Calcium arsenate	1000 ppm (0.1%)

Cobalt dichloride	1000 ppm (0,1%)
Cobalt(II) carbonate	1000 ppm (0,1%)
Cobalt(II) diacetate	1000 ppm (0,1%)
Cobalt(II) dinitrate	1000 ppm (0,1%)
Cobalt(II) sulphate	1000 ppm (0,1%)
Diarsenic pentaoxide	1000 ppm (0,1%)
Diarsenic trioxide	1000 ppm (0,1%)
Dibutyl phthalate (DBP)	1000 ppm (0,1%)
Dichromium tris(chromate)	1000 ppm (0.1%)
2,2' - dichloro-4,4' -methylenedianiline	1000 ppm (0.1%)
1,2-dichloroethane	1000 ppm (0.1%)
Diisobutyl phthalate	1000 ppm (0,1%)
4,4' - Diaminodiphenylmethane (MDA)	1000 ppm (0,1%)
2,4-Dinitrotoluene	1000 ppm (0,1%)
Disodium tetraborate, anhydrous	1000 ppm (0,1%)
2-Ethoxyethyl acetate	1000 ppm (0,1%)
2-Ethoxyethanol	1000 ppm (0,1%)
Formaldehyde, oligomeric reaction products with aniline	1000 ppm (0.1%)
Gamma-hexabromocyclododecane	1000 ppm (0,1%)
Hexabromocyclododecane (HBCDD)	1000 ppm (0,1%)
Hexavalent Chromium/Hexavalent Chromium compounds	1000 ppm (0,1%)
Hydrazine	1000 ppm (0,1%)
Chromic acid, oligomers of chromic acid and dichromic acid, dichromic acid	1000 ppm (0,1%)
Chromium trioxide	1000 ppm (0,1%)
Lead dipicrate	1000 ppm (0.1%)
Lead diazide, Lead azide	1000 ppm (0.1%)
Lead hydrogen arsenate	1000 ppm (0,1%)
Lead/Lead compounds	1000 ppm (0,1%)
Lead chromate	1000 ppm (0,1%)
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	1000 ppm (0,1%)
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1000 ppm (0,1%)
Lead styphnate	1000 ppm (0.1%)
Mercury/Mercury compounds	1000 ppm(0,1%)
2-Methoxyethanol	1000 ppm (0,1%)
2-Methoxyaniline, o-Anisidine	1000 ppm (0.1%)
1-Methyl-2-pyrrolidone	100 ppm (0,1%)
N-N-dimethylacetamide	1000 ppm (0.1%)
Pentazinc chromate octahydroxide	1000 ppm (0.1%)
Phenolphthalein	1000 ppm (0.1%)
Pitch, coal tar, high temp.	1000 ppm (0,1%)
Polybrominated Diphenyl ethers (PBDEs)	1000 ppm (0,1%)
Polybrominated Biphenyl (PBB)	1000 ppm (0,1%)
Potassium chromate	1000 ppm (0,1%)
Potassium dichromate	1000 ppm (0,1%)
Potassium hydroxyoctaoxodizincatedichromate	1000 ppm (0.1%)
Shortchain Chlorinated Paraffins	1000 ppm (0,1%)
Sodium chromate	1000 ppm (0,1%)
Sodium dichromate	1000 ppm (0,1%)

Strontium chromate	1000 ppm (0,1%)
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	1000 ppm (0,1%)
4-(1,1,3,3-tetramethylbutyl) phenol	1000 ppm (0,1%)
Tetraboron disodium heptaoxide, hydrate	1000 ppm (0,1%)
Tributyl Tin Oxide (TBTO)	1000 ppm (0,1%)
Trichlorethylene	1000 ppm (0,1%)
Triethyl arsenate	1000 ppm (0,1%)
1,2,3-Trichloropropane	1000 ppm (0,1%)
Tris(2-chloroethyl)phosphate	1000 ppm (0,1%)
Trilead diarsenate	1000 ppm (0,1%)
Zirconia Aluminosilicate, Refractory Ceramic Fibres (Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008, and fulfil the two following conditions: a) Al <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> and ZrO <sub>2</sub> are present within the following concentration ranges: • Al <sub>2</sub> O <sub>3</sub> : 35 – 36 % w/w, and • SiO <sub>2</sub> : 47.5 – 50 % w/w, and • ZrO <sub>2</sub> : 15 - 17 % w/w, b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometers (µm).	1000 ppm (0,1%)

### Future Steps.

Due to the complexity and inherent testing that needs to be completed to review the regulation requests at component level, CSI Technologies is not prepared to issue any statement other than the one above that certifies our manufacturing process,

If component level testing is desired, it must be formally requested via email and at that time, estimated completion times and cost for testing will be supplied.

We are dedicated to assuring that the products we provide to you meet all requirements or standards please contact our technical team for any questions regarding this statement

Technical contacts:

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**RoHS Technical Contacts**  
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We thank you for your continued support.

Sincerely,



Dennis McCarthy  
President

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