



CrystalFontz America, Inc.

CrystalFontz America, Inc.
12412 E. Saltese Ave.
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**RoHS
REACH:SVHC 15
ISO 9001:2008
and Specifications
Certificate of Compliance**

Date: 2011-12-19

Customer:

**CrystalFontz Part
Number:** CFAH2004A-YYH-JTE#

**Customer part
number:** CFAH2004A-YYH-JTE#

**Declared product
weight:** 52 g (typical)

CrystalFontz America is committed to marketing environmentally friendly products. We work closely with our contract manufacturers and their suppliers to ensure that materials and components comply with the appropriate REACH and RoHS directives regarding usage of hazardous substances. To the best of our knowledge, all materials and components used in the manufacture of the product listed above are in compliance with the EU Directive 2002/95/EC for Restriction of Hazardous Substance (RoHS), and REACH EC/1097-2006 SVHC Annex 1 Declaration of Conformity to include ECHA List updated 2011-06-20.

Results of our product testing are listed on the following pages.

This product is manufactured by an ISO 9001:2008 certified supplier.

This product conforms with the specifications in the CrystalFontz Data Sheet for this part number.

Tim Martin
Compliance Specialist

Jean Agte
Chief Operations Officer





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Restricted RoHS Substances Declaration of Conformity

| Restricted Substance | Homogeneous Material Threshold Level | Above Threshold Level | If Above Threshold, PPM present | Application Exempt under RoHS directive?* |
|--|---|-----------------------|---------------------------------|---|
| Cadimium and its compounds | 0.01wt% (100 ppm) in homogenous materials | No | | |
| Lead and its compounds | 0.1wt% (1000 ppm) in homogenous materials | No | | |
| Mercury and its compounds | 0.1wt% (1000 ppm) in homogenous materials | No | | |
| Chromium VI and its compounds | 0.1wt% (1000 ppm) in homogenous materials | No | | |
| Polybrominated biphenyls (PBBs) | 0.1wt% (1000 ppm) in homogenous materials | No | | |
| Polybrominated diphenyl ethers (PBDEs) | 0.1wt% (1000 ppm) in homogenous materials | No | | |

* Exemptions listed in the Annex of the RoHS Directive (2002/95/EC) are acceptable



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| REACH EC/1097-2006 SVHC Annex 1 Declaration of Conformity | | | | |
|--|-------------------------------|--------------------------------|------------------------------|--|
| ECHA List updated 2011-06-20 | | | | |
| SVHC Reportable Substance | CAS Number | Article Threshold Level | Above Threshold Level | If Yes, weight and worst case PPM |
| *Diarsenic trioxide | 1327-53-3 | 0.1wt% (1000 ppm) | No | mg |
| *1,2,3-Trichloropropane | 202-486-196-18-4 | 0.1wt% (1000 ppm) | No | mg |
| *1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters | 276-158-171888-89-6 | 0.1wt% (1000 ppm) | No | mg |
| *1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters | 271-084-668515-42-4 | 0.1wt% (1000 ppm) | No | mg |
| *1-Methyl-2-pyrrolidone | 212-828-1872-50-4 | 0.1wt% (1000 ppm) | No | mg |
| *2-Ethoxyethyl acetate | 203-839-2111-15-9 | 0.1wt% (1000 ppm) | No | mg |
| *Dibutyl phthalate (DBP) | 84-74-2 | 0.1wt% (1000 ppm) | No | mg |
| *Hydrazine | 206-114-9302-01-2 / 7803-57-8 | 0.1wt% (1000 ppm) | No | mg |
| *Strontium chromate | 232-142-67789-06-2 | 0.1wt% (1000 ppm) | No | mg |
| 2,4-Dinitrotoluene | 121-14-2 | 0.1wt% (1000 ppm) | No | mg |
| 2-Ethoxyethyl | 110-80-5 | 0.1wt% (1000 ppm) | No | mg |
| 2-Methoxyethyl | 109-86-4 | 0.1wt% (1000 ppm) | No | mg |
| 4,4'- Diamidiphenylmethane (MDA) | 101-77-9 | 0.1wt% (1000 ppm) | No | mg |
| 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene) | 81-15-2 | 0.1wt% (1000 ppm) | No | mg |
| Acrylamide | 79-06-1 | 0.1wt% (1000 ppm) | No | mg |
| Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 85535-84-8 | 0.1wt% (1000 ppm) | No | mg |
| Alumisilicate, Refractory Ceramic Fibres | EC 650-017-00-8 | 0.1wt% (1000 ppm) | No | mg |
| Ammonium dichromate | 9/5/7789 | 0.1wt% (1000 ppm) | No | mg |
| Anthracene | 120-12-7 | 0.1wt% (1000 ppm) | No | mg |
| Anthracene oil | 90640-80-5 | 0.1wt% (1000 ppm) | No | mg |
| Anthracene oil, anthracene paste | 90640-81-6 | 0.1wt% (1000 ppm) | No | mg |
| Anthracene oil, anthracene paste, anthracene fraction | 91995-15-2 | 0.1wt% (1000 ppm) | No | mg |



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| | | | | |
|---|----------------------------|-------------------|----|----|
| Anthracene oil, anthracene paste, distn. Lights | 91995-17-4 | 0.1wt% (1000 ppm) | No | mg |
| Anthracene oil, anthracene-low | 90640-82-7 | 0.1wt% (1000 ppm) | No | mg |
| Benzyl butyl phthalate (BBP) | 85-68-7 | 0.1wt% (1000 ppm) | No | mg |
| Bis (2-ethylhexyl)phthalate (DEHP) | 117-81-7 | 0.1wt% (1000 ppm) | No | mg |
| Bis(tributyltin)oxide (TBTO) | 56-35-9 | 0.1wt% (1000 ppm) | No | mg |
| Boric acid | 10043-35-3 | 0.1wt% (1000 ppm) | No | mg |
| Chromic acid Dichromic acid | 7738-94-5 | 0.1wt% (1000 ppm) | No | mg |
| Chromium trioxide | 1333-82-0 | 0.1wt% (1000 ppm) | No | mg |
| Coal tar pitch, high temperature | 65996-93-2 | 0.1wt% (1000 ppm) | No | mg |
| Cobalt dichloride | 7646-79-9 | 0.1wt% (1000 ppm) | No | mg |
| Cobalt(II) carbonate | 513-79-1 | 0.1wt% (1000 ppm) | No | mg |
| Cobalt(II) diacetate | 71-48-7 | 0.1wt% (1000 ppm) | No | mg |
| Cobalt(II) dinitrate | 10141-05-6 | 0.1wt% (1000 ppm) | No | mg |
| Cobalt(II) sulphate | 10124-43-3 | 0.1wt% (1000 ppm) | No | mg |
| Diarsenic pentaoxide | 1303-28-2 | 0.1wt% (1000 ppm) | No | mg |
| Diisobutyl phthalate | 84-69-5 | 0.1wt% (1000 ppm) | No | mg |
| Disodium tetraborate, anhydrous | 1303-96-4 | 0.1wt% (1000 ppm) | No | mg |
| Hexabromocyclododecane (HBCDD) | 25637-99-4 or 3194-55-6 | 0.1wt% (1000 ppm) | No | mg |
| Lead chromate | 7758-97-6 | 0.1wt% (1000 ppm) | No | mg |
| Lead chromate molybdate sulfate red | 12656-85-8 | 0.1wt% (1000 ppm) | No | mg |
| Lead hydrogen arsenate | 7784-40-9 | 0.1wt% (1000 ppm) | No | mg |
| Lead sulfochromate yellow | 1344-37-2 | 0.1wt% (1000 ppm) | No | mg |
| Oligomers of chromic acid and dichromic acid | 13530-68-2 | 0.1wt% (1000 ppm) | No | mg |
| Potassium chromate | 7789-00-6 | 0.1wt% (1000 ppm) | No | mg |
| Potassium dichromate | 7778-50-9 | 0.1wt% (1000 ppm) | No | mg |
| Sodium chromate | 11/3/7775 | 0.1wt% (1000 ppm) | No | mg |
| Sodium dichromate | 7789-12-0 | 0.1wt% (1000 ppm) | No | mg |
| Tetraboron disodium heptaoxide, hydrate | 12267-73-1 | 0.1wt% (1000 ppm) | No | mg |
| Trichloroethylene | x79-01-06 | 0.1wt% (1000 ppm) | No | mg |
| Triethyl arsenate | 15606-95-8 | 0.1wt% (1000 ppm) | No | mg |
| Tris(2-chloroethyl)phosphate | 115-96-8 | 0.1wt% (1000 ppm) | No | mg |
| Zirconia Alumisilicate, Refractory Ceramic Fibres | EC 650-017-00-8 | 0.1wt% (1000 ppm) | No | mg |

* Items flagged are new to Crystalfontz America, Inc. requirements as of 2011-08-15 to include ECHA List updated 2011-06-20