



# Technical Brief

*Advanced Design - Legendary Performance - Superior Circuit Protection - Count on it*

March 5, 2009

## **RoHS Hazardous Material Initiative**

*Re: Compliance with European Directive 2002/95/EC*



It has been Mechanical Products' (MP) policy to avoid the use of hazardous materials in our processes and products as much as possible, and to continuously improve our manufacturing methods. One of the fundamental principles of this policy is to provide the necessary level of protection for human health and the environment.

The European Directive 2002/95/EC on the Restriction of Hazardous Substances in electrical and electronic equipment (RoHS) places stringent limitations on certain substances as used in equipment sold into the EU market. The material limitations are:

Lead (Pb)	0.1% (1000 ppm)
Mercury (Hg)	0.1% (1000 ppm)
Cadmium (Cd)	0.01% (100 ppm)
Hexavalent Chromium (Cr+6)	0.1% (1000 ppm)
Polybrominated biphenyl (PBB) or Polybrominated diphenyl ether (PBDE)	0.1% (1000 ppm)

These concentrations apply to homogeneous materials (materials that cannot be mechanically disjointed into separate, different materials).

(There are currently a number of applications exempted for these substances as noted in the RoHS Annex and Exceptions, including (by weight): lead as an alloying element in steel up to 0.35%, aluminum containing up to 0.4% lead, copper alloys containing up to 4% lead, and cadmium and its compounds as used in electrical contacts.)

MP, with the support of its suppliers, tests and validates the components and materials used in its products and certifies that its circuit breakers and supplementary protectors are compliant to the requirements of the European directive 2002/95/EC, including all currently drafted Annexes and Exceptions. MP marks all RoHS compliant devices with the RoHS symbol shown at the top of this page.

*For additional information please contact:*

Mechanical Products Company  
Jim Allison  
(517) 782-0391, Ext. 226  
[jallison@mechprod.com](mailto:jallison@mechprod.com)  
[www.mechprod.com](http://www.mechprod.com)

030509LBJA-RH