



# *Electronic Fasteners, Inc.*

*"Experts in Fasteners - Excellence in Service"*

April 8, 2020

## **Declaration of Conformity European Union RoHS 1, 2, 2.1**

The Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS) Directive was established by the European Union (E.U.). It affects manufacturers, sellers, distributors and recyclers of electrical and electronic equipment.

### **RoHS 1 Directive - 2002/95/EC**

After July 1, 2006 the use of the materials above specified thresholds were banned in new products sold in Europe; however, each E.U. member country applies its own laws in regard to the Directive. As noted, the Directive requires that each separate *homogenous* part of the component not contain more than the specified concentrations for the following substances:

<b>RoHS Restricted Substances</b>	<b>Limit</b>
Lead (Pb)	0.1% (1000 ppm)
Mercury (Hg)	0.1% (1000 ppm)
Cadmium (Cd)	0.01% (100 ppm)
Hexavalent chromium (Cr6+)	0.1% (1000 ppm)
Polybrominated biphenyls (PBB)	0.1% (1000 ppm)
Polybrominated diphenyl ether (PBDE)	0.1% (1000 ppm)

The term homogenous refers to meeting the concentration of each restricted material and being below the specified threshold for each component capable of being physically separated. Examples of homogenous materials include: glass, plastics, ceramics, alloys, metals, paper, resins, and coatings.

### **RoHS 2 Directive - 2011/65/EU**

On July 1, 2011 the updated RoHS Directive (Directive 2011/65/EU) was published in the Official Journal of the European Union and entered into force on July 21, 2011.

The updated directive introduces the new requirements of CE marking and the declaration of conformity requirements. This requires manufacturers, importers, and distributors who place electrical and electronic equipment on the European market to ensure that a conformity assessment procedure is conducted. This assessment must align with module A of Annex II, part of Decision No 768/2008/EC in which a CE marking must be affixed to the finished product.

The updated scope of the directive includes all electrical and electronic equipment and as of July 2014, includes medical devices, monitoring and control instruments.

## RoHS 2.1 Directive - 2015/863/EU

Amendment 2015/863 adds four additional substances to Annex II of 2011/65/EU. The additional four substances restriction and evidence requirements shall be applied for products placed on the market on or after 22 July 2019 except where exemptions permit as stated in Annex III.

NEW RoHS Restricted Substances	Limit
Bis(2-ethylhexyl) phthalate (DEHP)	0.1% (1000 ppm)
Butyl benzyl phthalate (BBP)	0.1% (1000 ppm)
Dibutyl phthalate (DBP)	0.1% (1000 ppm)
Diisobutyl phthalate (DIBP)	0.1% (1000 ppm)

Electronic Fasteners Incorporated certifies, to the best of its knowledge, products comply with the RoHS 1, RoHS 2 and RoHS 2.1 Directives. We will continue to work with our suppliers to identify any potential use of materials as specified in the Directives and ensure this compliance statement remains accurate. We reserve the right to amend this statement at any time based on subsequent developments or information.

Should you have any questions or concerns regarding this statement, please do not hesitate to contact us. Email [scott-f@electronicfasteners.com](mailto:scott-f@electronicfasteners.com) for any further information.



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*ISO 9001 Certified*

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