



## **RoHS Directive and Amendments**

The RoHS Directive applies to final product sold to the European Union, effective July 1, 2006. RoHS is the RoHS Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment. Member states of the EU have transformed this directive into law. Penalties can include fines and/or removal of product from the marketplace.

The **RoHS EU Directive 2011/65/EU** restricts the use of heavy metals in electrical and electronic equipment for new products put on the market after July 1, 2006. Those metals are lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE). The max. concentration of 0.1% by weight (0.01% for cadmium) is allowed under Article 5(1)(a) in cases where a total avoidance is not possible. There are exemptions. The directive does not apply to spare parts or repairs for equipment in the field already. There are also some application-based exemptions.

The 4 Phthalates substances of **amendment 2015/863/EU** only become restricted as of 22 July 2019 for all electrical and electronic equipment, apart from Categories 8 (medical devices) and 9 (monitoring and control equipment) for which the restriction applies as of 22 July 2021.

Axiomatic supplies its products as a component to be installed by our customers into an end use machine. It is the responsibility of the manufacturer of the end use machine to determine compliance to the RoHS Directive of the components used in that machine.

## **Axiomatic Compliance**

Axiomatic products comply with the RoHS Directive effective for products built since August 7, 2007 and commencing with s/n 21907001. Axiomatic's lead reduction and elimination program is consistent with worldwide industry practice. We have been using RoHS compliant components and PCB's since January 2005. All products were switched to RoHS compliant components across the board. Our lead-free soldering process came into effect in August 2007.

Axiomatic depends on their customers for information on their RoHS compliance requirements. Meeting customer functionality and reliability requirements continues to be an important design and manufacturing consideration.

RoHS compliant products are available. A declaration of conformity to the RoHS directive is available for Axiomatic compliant products.

Amanda Wilkins  
Marketing Manager  
November 13, 2018