



RE: EU RoHS Compliance (Directive 2015/863/EU of the European Parliament on the Restriction of the Use of Hazardous Substances (RoHS) in Electrical and Electronic Equipment)

To Whom It May Concern:

This letter responds to your request for compliance information for the Merit Sensors' product(s) with the EC Directive Restricted Substances.

EC Directive 2015/863/EU restricts the use of the hazardous substances listed below in electrical and electronic equipment. For these purposes, the maximum concentration values of the restricted substances by weight are:

Restricted Substance per the EU	Max. Concentration by Weight Allowed in Homogeneous Materials (% by weight)
Lead (Pb)	1000 ppm (0.1%)
Cadmium (Cd)	100 ppm (0.01%)
Mercury (Hg)	1000 ppm (0.1%)
Hexavalent Chromium (Cr ⁺⁶)	1000 ppm (0.1%)
Polybrominate Biphenyls (PBB's)	1000 ppm (0.1%)
Polybrominate Biphenyl ethers (PBDE's)	1000 ppm (0.1%)
Bis(2-ethylhexyl) phthalate (DEHP)	1000 ppm (0.1%)
Butyl benzyl phthalate (BBP)	1000 ppm (0.1%)
Dibutyl phthalate (DBP)	1000 ppm (0.1%)
Diisobutyl (DIBP)	1000 ppm (0.1%)

Refer to the following website for the latest revision(s) of 2015/863/EU:

<http://export.gov/europeanunion/weeerohs/rohsinformation/index.asp>

An analysis of Merit Sensor Systems' packaged products reveals three materials that contain Lead (Pb). Those materials and their corresponding Lead content are:

- Gold (Au) Pads on the ceramic substrate 20 ppm
- Conductor Traces (Ag/Pt) on the ceramic substrate 10 ppm
- Glaze coating on the ceramic substrate 12,000 ppm

The glaze coating on the ceramic substrate contains Lead - (12,000 ppm) at a level that exceeds the maximum concentration values allowed by RoHS. This product, however, remains in compliance because RoHS includes an exemption for "electrical and electronic components containing lead in a glass or ceramic..." This exemption 7(c), originally scheduled to expire in July, 2016, was extended to July 2021 and is being extended again because of multiple extension requests by industry stakeholders. A new expiry date has not been set.

All other materials in Merit Sensor products, to the best of our knowledge, contain no hazardous substances subject to the RoHS directive. Please note that we do not routinely test for these materials.

Merit Sensor Systems, Inc. hereby certifies to the best of our knowledge that, based on the information set forth above and supplied by our suppliers/vendors, all Merit Sensor™ products comply with EU RoHS Directive 2015/863/EU.

If you have any questions concerning this matter or if we can be of further assistance, please contact us at qualitycompliance@merit.com.

Sincerely,

Chase Winegar, Quality Manager
Merit Sensor Systems, Inc.