

Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment - RoHS 3 (EU 2015/863)



Sherwood Electronics Ltd – Statement on the RoHS 3 Directive

RoHS 3 (EU 2015/863)

RoHS 3 (EU Directive 2015/863) adds Category 11 (catch-all) products and adds four new restricted substances - all phthalates. The four phthalates are mainly used as insulation plasticizers, and are on the REACH list of SVHC (Substances of Very High Concern)

- **Bis(2-ethylhexyl) phthalate (DEHP)** - a plastic polymer (plasticiser) previously used in cable and wire insulation as a dielectric in large high-voltage capacitors, as a processing aid for rigid polymers and as a softener in a wide array of PVC medical devices.
- **Butyl benzyl phthalate (BBP)** - occasionally used as a co-plasticiser in wire and cable; as an additive in flexible adhesives, coatings and inks; and in polyurethane adhesives, polyurethane rubbers and acrylic-based polymers.
- **Dibutyl phthalate (DBP)** - used as a plasticiser in flexible varnishes, nitrocellulose paints and paper coatings; to "size" glass fibre and to add flexibility to rubbers and paints.
- **Diisobutyl phthalate (DIBP)** - a plasticiser known to hold very similar properties to DPB but generally not known to be used in electronic products.

Sherwood Electronics Ltd is committed to compliance with all applicable laws and regulations, including the restriction of hazardous substances in electronic products. The RoHS Directive specifies that an electronic product or component may not contain a listed substance except as specifically provided for in the directive.

Sherwood Electronics aim has always been to comply with the RoHS Directive prior to the 1st July 2006 implementation date for all products, and to enable this, all production shipped are compliant, in accordance with customer requirements.

Sherwood Electronics monitors stock levels to ensure that any new stock is compliant and managed accordingly. This allows our customers to have confidence that they are receiving a compliant product.

Sherwood Electronics do not use raw materials, compliance of the components we use, is ensured during the buying process and if required, we will send confirmation of the current status. To ensure compliance, our products and components do not contain any substances listed below in concentrations higher than 0.1% or 0.01% for Cadmium MCV (Maximum Concentration Values) in any homogeneous material :

Substances	Maximum Limit ppm
Cadmium (Cd)	100
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent chromium (Cr6+)	1000
Polybrominated biphenyls (PBB)	1000
Polybrominated diphenyl ethers (PBDE)	1000
Bis(2-ethylhexyl) phthalate (DEHP)	1000
Butyl benzyl phthalate (BBP)	1000
Dibutyl phthalate (DBP)	1000
Diisobutyl phthalate (DIBP)	1000

Sherwood Electronics will only use substitutes and alternatives that do not compromise product quality or safety.

In addition, Sherwood Electronics has been working with our supply chain partners to ensure every aspect of our business accommodates these new requirements.

Please be aware that we cannot give any information about the products, we always rely on the data from the manufacturer.

Sherwood Electronics are not in the position to give legally binding information, the information you receive from Sherwood Electronics is what the supplier has provided to us.

Since we are taking all efforts to gather the information on RoHS, we are not responsible for missing information. Therefore we will assume no liability for financial losses (indemnity, loss of profit) or civil penalties caused by official ruling.

Sherwood Electronics are not a design house and work to specifications and drawings provided by the customer. Where products are made to customer requirements, Sherwood Electronics are only responsible for the purchase of components and materials used for the manufacture of that product. Sherwood Electronics are not responsible for ensuring the end product placed on the market is compliant to the directive.

Please keep checking our website for any updates.

If you have any questions on this directive, or need further details, please contact the sales office on sales@sherwoodelectronics.co.uk

Sincerely,

Ken Brennan
Managing Director