



Centrotherm
solutions beyond

RoHS & REACH COMPLIANCE STATEMENT

RoHS compliance statement

Centrotherm is fully committed to supporting both the Directive 2011/65/EU Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS2) and Directive 2012/19/EU Waste Electrical and Electronic Equipment (WEEE) directives. All of Centrotherm products are compliant to the European Directive 2011/65/EU (RoHS2) inclusive of the latest amendments and bear the RoHS2 marking.

The Amendment to Annex II, dated March 31, 2015 additionally restricts the use of DEHP, BBP, DBP and DIBP in Electrical and electronic equipment and becomes effective July 22, 2019. The maximum concentration values are as follow:

Substance	RoHS Limit by Weight	RoHS Limit by % (PPM)
Lead and its compounds (PB)	1000mg/kg	0.1% (1000 PPM)
Mercury (Hg)	1000mg/kg	0.1% (1000 PPM)
Hexavalent Chromium	1000mg/kg	0.1% (1000 PPM)
Cadmium (CD)	100mg/kg	0.01% (100 PPM)
Polybrominated Biphenyls (PBB)	1000mg/kg	0.1% (1000 PPM)
Polybrominated Diphenyl Ethers (PBDE)	1000mg/kg	0.1% (1000 PPM)
Bis (2-ethylhexyl) phthalate (DEHP)	1000mg/kg	0.1% (1000 PPM)
Butyl benzyl phthalate (BBP)	1000mg/kg	0.1% (1000 PPM)
Dibutyl phthalate (DBP)	1000mg/kg	0.1% (1000 PPM)
Diisobutyl phthalate (DIBP)	1000mg/kg	0.1% (1000 PPM)

REACH compliance statement

We hereby declare that parts manufactured by Centrotherm fully comply with the related requirements of European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

1. Under the structure of the REACH regulation, Centrotherm is a manufacturer of "ARTICLES" to our EU customers (according to ECHA's guidance for articles, the electronic components shall be considered as articles). We do not manufacture "substances" or "preparations" and our articles do not involve the "intentional release of substances". Accordingly, we foresee no registration or pre-registration or Authorization requirement for the products we supplied.
2. With regard to the requirements of Article 33 of REACH Duty to communicate information on substances in articles, we declare that - except note 1 - none of the SVHCs (The candidate list of substances of very high concern) for authorization currently released by ECHA are present in Centrotherm products.
3. As a downstream user we will follow the obligations and we request from our suppliers to make sure that all chemical substances used are registered in the REACH database. To hold our high level of product security we will control the implementation of reach with our suppliers. We shall also closely monitor the update of REACH SVHC list (see note 2) and we also need to check if our products contain any substances on REACH restricted substance list (see note 3).

Links

- <https://echa.europa.eu/candidate-list-table>
- <https://echa.europa.eu/substances-restricted-under-reach>

Safe handling of lead articles

The lead tile series contains more than 0.1% lead (EC No. 231-100-4 / CAS No. (EC Listing) 7439-92-1). Information on the safe handling of lead articles can be found at <https://www.centrotherm.us.com/>



Patrick de Boer
Group Director QHSE