

General congatec Information

congatec AG is obliged to develop and manufacture environment-friendly products which fulfill the Directive 2011/65/EU for the Restriction of Hazardous Substances (RoHS) and the Directive regarding Waste Electrical and Electronic Equipment (WEEE).

The members of the European Union transfer these Directives according to their own strategies in local regulations. That is the reason for many different laws and provisions along the different countries of the EU. Countries which do not belong to the EU such as China, Japan and the USA have established similar regulations like RoHS to restrict the use of hazardous substances for environmental-friendly products. RoHS commonly is understood as "lead-free" but additional substances are restricted as well.

The RoHS Directive (2002/95/EC) was published first in February 2003 by the European Union and was set effective by 1- July-2006. This RoHS-Directive limited the use of six dangerous substances usually used in electronic products and equipment and its manufacturing processes.

These substances are:

- Lead
- Mercury
- Cadmium
- Chrome
- PBB and
- PBDE

The maximum concentration of the above named substances is limited to 0,1 percent by weight (except for Cadmium which is limited to 0,01 percent by weight) based on the homogeneous material. It follows that the limit does not relate to the weight of the product or a component.

The next update of the RoHS Directive was also the next step to larger restrictions of dedicated substances used in electrical/ electronical products. The Directive 2011/65/EU replaces the previous Directive 2002/95/EC and is commonly known as RoHS 2. Now RoHS 2 is part of the CE-Marking Directive. RoHS 2 added categories 8 and 9 plus new requirements on data and safekeeping.

Together with the Addendum 2015/863 to the Directive 2011/65/EU there are 4 new substances listed to be restricted. The new substances are Phthalates (details see below). The Addendum gets effective by the 22.07.2019 and will be called RoHS 3.

Material Compliance



These are the new substances:

- DEHP (Di(2-ethylhexyl) phthalate),
- BBP (Butyl benzyl phthalate),
- DBP (Di-n-butyl phthalate) and
- DIBP (Diisobutyl phthalate)

congatec is fully aware of the new requirements of RoHS 3. These requirements are implemented in our development processes as well as clarified with our contract manufacturers. Currently we will declare conformity according to RoHS 2. The declaration of products conforming RoHS3 will start with the second quarter of 2019.

RoHS is closely related to the Waste of Electrical and Electronic Equipment Directive (WEEE) 2012/19/EU. WEEE targets on the collection of electr(on)ics to be recycled after return to the manufacturer. congatec is not affected in the fulfilment of WEEE at the moment.

RoHS compliant Product Design and Manufacturing

All congatec products are designed and as well manufactured according to the current valid Directive. The requirements for the selection of material are considered in the early project phase and ensured in the industrialization.

congatec's Electronic Manufacturing Service (EMS) partners are legally obliged to fulfill the material compliance requirements for purchased material for the product and its processes in production. The evidence of the material conformity is to declare.

Material declarations are based on the information we receive from our manufacturers and supplier and are requested for each component. Material analysis can be assigned if the material declaration is recommended to be proven by an independent laboratory.

Material Compliance Declaration

congatec declares the material compliance according to the valid directives of the European Union for all of our congatec products are subject to this regulation.

congatec declares the conformity without detailed listing of substances and the corresponding amount of a substance within the components. Exemptions are considered where applicable. congatec AG does not prepare Full-Material-Disclosure: Neither for RoHS nor for REACH.

congatec AG works on improvement for collecting data and related preparation of declarations in terms of efficiency. The use of a component database is just a subsequent decision for us which is going to support our intention best in the future. In the meantime we will prepare all requested declarations as PDF documents. congatec cannot and will not enter or maintain compliance data in various tools of any customer.

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Material Compliance



RoHS/ REACH

The declaration regarding RoHS as well as for REACH-compliance is based on part numbers. With every update of the substance list for REACH the conformity is checked again. The same is valid for revision updates of our products for both RoHS and REACH.

Conflict Minerals

Every year all relevant information is collected to evaluate the conflict minerals which are to consider with congatec products. The corresponding reporting will be published as soon as the reasonable amount of data is available.

UL

congatec products are not UL listed. congatec uses UL recognized components which are relevant for UL listing of products such as connectors. congatec will provide this information on request for any congatec product.

CE

All congatec products are CE marked. The CE declaration can be provided for each product group on request.

Letter of Volatility

The letter of volatility can be provided on request for dedicated part numbers of congatec products.

All requests may be directed to the responsible sales representative or field application engineer.

Sincerely,

Gerhard Edi

CTO

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