

RoHS Directive (2011/65/EU)

Background / Objective / Affected parties

- Affected parties: Manufacturers of electrical and electronic equipment.
- Objective: To regulate the use of certain hazardous substances in electrical and electronic equipment such as lead, mercury, cadmium and chromium as well as certain brominated flame retardants and plasticizers.
- Background: The aim is to improve the recycling of waste electrical and electronic equipment and reduce the harmful effects on people and the environment by eliminating harmful substances.

Regulatory content

- The substances listed may only be used in electrical and electronic equipment up to a maximum concentration value, unless an exemption can be claimed for them in accordance with the annexes to the directive.
- The RoHS Directive 2011/65/EU ("Restriction of Hazardous Substances") must be transposed into national law by the EU member states. In Germany, this has been done via the Electrical and Electronic Equipment Ordinance (ElektroStoffV) and in Austria via the Waste Electrical and Electronic Equipment Ordinance (EAGVO).
- Manufacturers may only place an appliance on the market if it does not exceed the maximum permitted concentrations of certain substances such as lead, mercury, hexavalent chromium, polybrominated biphenyl (PBB), etc.
- Manufacturers must affix the CE mark to every finished appliance. The scope of these legal requirements only extends to "appliances", but not directly to their components. CE marking or a declaration of conformity is not required for these.
- Whether a device is a finished device within the meaning of the RoHS regulations or merely a component depends on whether the end user can access the function of the device without any further manufacturing step ("direct use by an end user") or not. In the former case, it is a finished device; in the latter case, it is merely an electronic component..

ECOMAL Statement

- ECOMAL deals exclusively in electronic components from reputable manufacturers.
- As a distributor of electronic components, ECOMAL only has any duty of care with regard to the restriction of the use of certain substances in electrical and electronic equipment in exceptional cases
- Irrespective of this, however, ECOMAL declares its willingness, by means of its own Code of Ethics, to oblige manufacturers to comply with the restriction of the use of certain hazardous substances in electrical and electronic equipment in order to contribute to greater compliance with the aforementioned rules.
- The manufacturers have declared to us that no hazardous substances in electrical and electronic equipment have flowed or are flowing into the products we sell.
- The ECOMAL Group manufacturers' declarations on the restriction of hazardous substances in electrical and electronic equipment and the ECOMAL Group Code of Ethics are available via the following link: [Download | ECOMAL[®] - Electronic Components and Logistic](#)