

The Directive 2011/65/EU on the Restriction of the use of certain Hazardous Substances (RoHS II), replacing Directive 2002/95/EC (RoHS I), targets Electrical and Electronic Equipment (EEE) in order to avoid adverse impacts on human health and the environment.

EMEA subsidiaries of the Avnet group ("Avnet") doing business for EBV Elektronik, Avnet Silica, Avnet Abacus, Avnet Embedded and Avnet United business units, are fully aware of the requirements of the RoHS Directive 2011/65/EU in the EU. Roles and obligations have been identified by Avnet to the best of its knowledge.

Avnet, as a distributor, does not certify compliance with RoHS on behalf of the original manufacturers, since we e.g. do not control the manufacturing process of the products we supply.

RoHS Directive 2011/65/EU was amended by the Directive 2015/863/EU, which was published in June 2015. Four additional substances (phthalates) were added to Annex II of the original RoHS Directive. The provisions regarding the restriction of the newly added substances in 'Electrical and Electronic Equipment' do not apply before 22.07.2019. For medical devices and for monitoring and control instruments there is an additional two-year grace period.

Annex II now contains the following list of restricted substances and their tolerated maximum concentration values (MCV) by weight (w/w) in homogeneous materials (specific exemptions may apply or products be out of scope):

Restricted substances	MCV in % (w/w)
Lead (Pb)	0.1
Mercury (Hg)	0.1
Cadmium (Cd)	0.01
Hexavalent chromium (Cr (VI))	0.1
Polybrominated biphenyls (PBB)	0.1
Polybrominated diphenyl ethers (PBDE)	0.1
Bis(2-ethylhexyl) phthalate (DEHP)	0.1 (newly added)
Butyl benzyl phthalate (BBP)	0.1 (newly added)
Dibutyl phthalate (DBP)	0.1 (newly added)
Diisobutyl phthalate (DIBP)	0.1 (newly added)

For any further questions with regard to product RoHS compliance, please get in contact with your local sales representative.