

## Restriction of Hazardous Substances (RoHS) Directive

FOR INTERNAL USE ONLY

RoHS or Restriction of Hazardous Substances or also known as Directive 2002/95/EC, originated in Europe and restricts the use of specific hazardous materials found in electronic products.

The following substances are banned under RoHS: Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (CrVI), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and in RoHS3, four Phthalates (DEHP, BBP, BBP, DIBP) were added.

RoHS2 Directive 2011/65/EU, was published in July 2011 by the European Commission. The original RoHS non compliant materials list was expanded to RoHS3 to cover all electronic equipment, cables, and other parts with compliance required by July 22, 2019 or sooner .

Any business that sells electronic products, sub-assemblies or components directly to EU countries or sells to re-sellers whom sell directly to European countries , distributors or integrators that in turn sell products to EU countries, is impacted if they are to use any of the restricted materials listed In their Products .

For more information on ROHS and the restricted substances please follow the link below to be redirected to the ROHS website .

[ROHS guide](#)

All Hakko and CHP brand products are manufactured in compliance with EU ROHS, ROHS2, and ROHS3 directives with the exception of select items. Please view the attached link for a complete list of exceptions.

HakkoUSA Knowledge Base

<https://kb.hakkousa.com/Knowledgebase/11735/Restriction-of-Hazardous-Substa...>