

Restriction of Hazardous Substances (RoHS)

RoHS, also known as Lead-Free, stands for Restriction of Hazardous Substances. RoHS, also known as Directive 2002/95/EC, originated in the European Union and restricts the use of six hazardous materials found in electrical and electronic products. All applicable products in the EU market after July 1, 2006 must pass RoHS compliance. RoHS impacts the entire electronics industry and many electrical products as well.

Any business that sells applicable electrical or electronic products, sub-assemblies or components directly to RoHS countries, or sells to resellers, distributors or integrators that in turn sell products to these countries, is impacted if they utilize any of the restricted materials.

RoHS specifies maximum levels for the following six restricted materials:

Restricted materials	Limit (ppm)
Lead (Pb)	<1000
Mercury (Hg)	<100
Cadmium (Cd)	<100
Hexavalent Chromium (Cr VI)	<1000
Polybrominated Biphenyls (PBB)	<1000
Polybrominated Diphenyl Ethers (PBDE)	<1000

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