

Skyworks Definition of Lead (Pb)-Free

Products designated by Skyworks as Lead (Pb)-Free are compliant with the European Union Restrictions on Use of Hazardous Substances (RoHS) Directive 2002/95/EC, and conform to the EIA/EICTA/JEITA Joint Industry Guide (JIG) Level A guidelines.

RoHS Directive 2002/95/EC Banned Substances

Banned Substance	RoHS Maximum Concentration Value (ppm) ⁽¹⁾
Cadmium (Cd)	100
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent Chromium (Cr6+)	1000
Polybrominated Biphenyls (PBBs)	1000
Polybrominated Diphenylethers (PBDEs)	1000

1. Maximum limit does not apply to applications covered by RoHS exemptions. MCV are based on homogeneous materials as defined in the directive.

EIA/EICTA/JEITA Joint Industry Guide (JIG) Level A Guidelines

Material/Substance

Asbestos
Azo colorants⁽¹⁾
Cadmium /Cadmium Compounds
Hexavalent Chromium/Hexavalent Chromium Compounds
Lead/Lead Compounds
Mercury/Mercury Compounds
Ozone Depleting Substances (CFCs, HCFCs, HBFCs, carbon tetrachloride, etc.)
Class I:
Class II: HCFCs:
Polybrominated Biphenyls (PBBs)
Polybrominated Diphenylethers (PBDEs)
Polychlorinated Biphenyls (PCBs)
Polychlorinated Naphthalenes (more than 3 chlorine atoms)
Radioactive Substances
Shortchain Chlorinated Paraffins
Tributyl Tin (TBT) and Triphenyl Tin (TPT)
Tributyl Tin Oxide (TBTO)

Threshold Level

Intentionally Added
Intentionally Added
75 ppm or Intentionally Added
1000 ppm or Intentionally Added
1000 ppm or Intentionally Added
1000 ppm or Intentionally Added

Intentionally Added
1000 ppm
1000 ppm or Intentionally Added
1000 ppm or Intentionally Added
Intentionally Added
Intentionally Added
Intentionally Added
Intentionally Added
Intentionally Added

1. Applicable to products and subparts that may come into direct contact with human skin.

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