

# Skyworks Definition of Lead (Pb)-Free

Products designated as Skyworks Lead (Pb)-Free conform to the materials restrictions referenced in the “Banned Substances in Products” table and meet the following regulatory requirements:

- EU RoHS compliant (2002/95/EC)<sup>1</sup>
- PFOS-free (2006/122/EC)<sup>2</sup>
- SVHC and Annex XIV materials free (EC 1907/2006)<sup>3</sup>

## Banned Substances in Products

Substance / Category	Threshold Level Homogeneous Materials Level (Unless Otherwise Noted)	Reference
Asbestos	Intentionally Added	JIG-101
Azocolourants and Azodyes <sup>4</sup>	Intentionally Added	JIG-101
Beryllium / Beryllium Compounds	1,000 ppm	JIG-101
Beryllium Oxide (BeO)	1,000 ppm by Wt. of the Product	JIG-101
Cadmium / Cadmium Compounds	100 ppm	EU 2002/95/EC (RoHS), JIG-101
Chromium VI Compounds	1,000 ppm	EU 2002/95/EC (RoHS), JIG-101
Lead / Lead Compounds	1,000 ppm	EU 2002/95/EC (RoHS), JIG-101
Mercury / Mercury Compounds	1,000 ppm	EU 2002/95/EC (RoHS), JIG-101
Nickel <sup>4</sup>	1,000 ppm	JIG-101
Organic Tin Compounds	Intentionally Added	JIG-101
Ozone Depleting Substances	Intentionally Added	Montreal Protocol, JIG-101
Perfluorooctane Sulfonate (PFOS)	1,000 ppm	2006/122/EC, JIG-101
Polybrominated Biphenyls (PBBs)	1,000 ppm	EU 2002/95/EC (RoHS), JIG-101
Polybrominated Diphenylethers (PBDEs)	1,000 ppm	EU 2002/95/EC (RoHS), JIG-101
Polychlorinated Biphenyls (PCBs) and Polychlorinated Terphenyls (PCTs)	Intentionally Added	EU 76/769/EEC, US TSCA, JIG-101
Polychlorinated Napthalenes (More Than 3 Chlorine Atoms)	Intentionally Added	JIG-101
Radioactive Substances	Intentionally Added	JIG-101
REACH Substances of Very High Concern (SVHC) as Defined in (EC) 1907/2006 – Candidate List and Annex XIV	1,000 ppm by Wt. of the Product	(EC) 1907/2006

1. EU (European Union), RoHS (Restriction of Hazardous Substances)

2. PFOS (Perfluorooctane Sulfonates)

3. EC (European Community), REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals), SVHC (Substances of Very High Concern)

4. On surface of products where prolonged skin contact is expected.

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