

Excerpt of restrictions on substances from legal provisions for special applications in electric and electronic products					
RoHS Level	No.	Substance	PPM Limit	European Community Regulation	Other countries Regulations
RoHS I	1	Lead and its Compounds	1,000	European Community: Directive 2002/95/EC, Directive 2002/96/EC, Directive 89/677/EEC (adds to Directive 76/769/EEC).	US Regulations an heavy metal in packaging, California Proposition 65
	2	Mercury and its Compounds	1,000	European Community: Directive 2002/95/EC, Directive 2002/96/EC, Directive 91/338/EEC (adds to Directive 76/769/EEC);	US Regulations an heavy metal in packaging, Swede SFS 1996:319.
	3	Cadmium and its Compounds	100	European Community: Directive 2002/95/EC, Directive 2002/96/EC, Directive 91/338/EEC (adds to Directive 76/769/EEC).	Danish Law, US Regulations an heavy metal in packaging
	4	Hexavalent Chromium and its Compounds	1,000	European Community: Directive 2002/95/EC, Directive 2002/96/EC, Directive 91/338/EEC	US Regulations an heavy metal in packaging
	5	Polybrominated Biphenyls (PBBs)	1,000	European Community: Directive 2002/95/EC, Directive 85/467/EEC (adds to Directive 76/769/EEC),	Germany Law
	6	Polybrominated Biphenyls Ethers (PBDEs)	1,000	European Community: Directive 2002/95/EC, Directive 85/467/EEC (adds to Directive 76/769/EEC),	Germany Law
RoHS II (SUPER-RoHS)	1 to 6	All the substances contained in RoHS I	same limits as above	same as above	same as above
	7	Asbestos and Asbestos Materials	1,000 PPM	European Community: Directive 76/769/EEC,	JIG 101 , Germany Law, US: Toxic Substances Control Act
	8	Nickel and its Compounds	1,000	European Community: Directive 94/27/EEC (adds to Directive 76/769/EEC).	JIG 101
	9	Polychlorinated Biphenyls (PCB) and Terphenyls (PCT), Polychlorinated phenyls	Banned	European Community: Directive 85/467/EEC (adds to Directive 76/769/EEC);	Stockholm Convention; Germany Law, US: TSCA, Japanese Law
	10	Short-chain Chlorinated Paraffins (CP) (C 10-13, Cl \geq 50 wt%)	1,000	European Community: Directive 2004/45/EC (adds to Directive 76/769/EEC)	
	11	Polychlorinated Naphthalenes (PCN)	Banned	European Community: Directive 76/769/EEC	Japanese Law
	12	Mirex (Perchlordecone)	Banned		Stockholm Convention
	13	Halogenated flame retardants/ additives	Reportable		Customer's Survey
	14	Tetrabromobisphenol-A-bis-(2,3-dibromopropylether) (TBBP-A-bis) -(2,3-)(TBBP-A-bis)	1,000		JIG 101
	15	Formaldehyde	1,000		Germany Law
	16	Organic tin compounds	Reportable		Japanese Law
	17	Azo Compounds	Controlled	European Community: Directive 85/467/EEC (adds to Directive 76/769/EEC)	
	18	Polyvinyl chloride (PVC) and its PVC blends	1,000		JIG Annex B
	19	Hexachlorobenzene (C ₆ Cl ₆)	Banned		Stockholm Convention
	20	Aldrin	Banned		Stockholm Convention
	21	Dieldrin	Banned		Stockholm Convention
	22	Endrin	Banned		Stockholm Convention
	23	DDT	Banned		Stockholm Convention
	24	Chlordane	Banned		Stockholm Convention
	25	N-p-phenylenediamine	Banned		Jeita: Green Procurement Survey Standardization Council
	26	2,4,6-tritertiarybutylphenol	Banned		Jeita: Green Procurement Survey Standardization Council
	27	Cyanaides	Controlled		Germany Law
	28	Arsenic and its Compounds	Reportable	European Community: Directive 76/769/EEC,	Germany Law, JIG 101
	29	Selenium and its Compounds	Reportable		JIG 101
	30	Beryllium and its Compounds	Reportable		JIG 101
	31	Antimony and its Compounds	Reportable		JIG 101
	32	Cobalt and its Compounds	Reportable		Jeita: Green Procurement Survey Standardization Council
	33	Tellurium and its Compounds	Reportable		Jeita: Green Procurement Survey Standardization Council
	34	Thallium and its Compounds	Reportable		Jeita: Green Procurement Survey Standardization Council
	35	Bismuth and its Compounds	Reportable		JIG 101
	36	Magnesium and magnesium alloys	Reportable		JIG Annex B
	37	Phthalates	Reportable		JIG 101 , Germany Law
	38	Radioactive substances	Banned		Japanese Law
	39	Ozone depleting substances (CFC, HCFC, Halon, etc.)	Banned	European Community: Directive 76/769/EEC;	Montreal Protocol; US: 1990 Clear Air Act, Japanese Law
	40	Diethylhexylphthalate (DEHP)	Controlled		Customer's Survey
	41	Aerosol, silicone based	Reportable		
42	Pentachlorophenol (PCP) & Creosotes	Banned	European Community: Directive 76/769/EEC;	Germany Law	
43	Triphenyl Phosphate (TPP)	Reportable		Customer's Survey	
44	Triaryl Phosphate (TAP)	Reportable		Customer's Survey	
45	Ethylene Glycol Ethers	Controlled		US: Clear Air Act	
46	Plastic, Expanded Polystyrene (EPS)	Banned		South Korea Packaging Restrictions	
47	Gold Compounds	Reportable		JIG Annex B	
48	Palladium Compounds	Reportable		JIG Annex B	
49	Silver Compounds	Reportable		JIG Annex B	
50	Copper Compounds	Reportable		JIG Annex B	
51	Brominated Flame Retardants other than PBDEs, PBBEs	Banned		JIG 101	
52	Organophosphorus compound	Reportable		Customer's Survey	
53	Halogenated Dioxins & Furans	Banned		Stockholm Convention, Germany Law	
54	Other Chlorinated Organic Compounds	Reportable		Customer's Survey	
54	Monomethyldibromo Diphenylmethane	Banned	-	Customer's Survey	
55	Monomethyldichloro Diphenylmethane.	Banned	-	Customer's Survey	
56	Monomethyltetrachloro Diphenylmethane	Banned	-	Customer's Survey	