

■ Eco-friendly activity

● Background of Environment friendly Products

Eu declared RoHS law to restrict the using of six hazardous substances. (February, 2003) July 1, 2011 Announces recast RoHS Directive (2011/65 / EU) that restructured the existing RoHS Directive (2002/95 / EC).

Low	Contents	Enforcement Data
RoHS	Pb, Cd, Hg, Cr+6, PBBs, PBDEs	July 1, 2006. (2002/95/EC)
RoHS II	Pb, Cd, Hg, Cr+6, PBBs, PBDEs, DEHP, BBP, DBP, DIBP	January 3, 2013. (2011/65/EU)

* RoHS : Restriction of Hazardous Substances

● Allowable criteria

substance	Regulation
1) Pb - Lead	Less than 1000 mg/kg
2) Cd - Cadmium	Less than 100 mg/kg
3) Hg - Mercury	Less than 1000 mg/kg
4) Cr(VI) - Hexavalent Chromium	Less than 1000 mg/kg
5) PBBs - Polybrominated biphenyls	Less than 1000 mg/kg
6) PBDEs - Polybrominated diphenyl ethers	Less than 1000 mg/kg
7) DEHP - Bis(2-ethylhexyl) phthalate	Less than 1000 mg/kg
8) BBP - Butyl benzyl phthalate	Less than 1000 mg/kg
9) DBP - Dibutyl phthalate	Less than 1000 mg/kg
10) DIBP - Diisobutyl phthalate	Less than 1000 mg/kg

* Materials are not intentionally added and below limits by RoHS Directives

Label Marking

Packages containing products compliant with RoHS Directive are identified by the information "RoHS" (See sample label); these markings identify these products being fully compliant with the RoHS Directive

RoHS

● Other eco-friendly activities

Regulated substance	Related activities
REACH_SVHC	Complies with Regulation (EC) No 1907/2006.
Halogen-Free	Voluntary reduction of harmful substances
Conflict Minerals Reporting	It follows the standardization template created by EICC® and GeSI.

* Samhwa Electric is leading the production of eco-friendly products through continuous monitoring of hazardous substances.