

Subject: RoHS Directive

With respect to Your kind question about the so called RoHS Directive, we can say what follows.

The elimination of the lead and other substances (cadmium, chromium VI, mercury, poly brominated biphenyls - PBB and poly brominated biphenyl ethers - PBBE), considered dangerous for the environment and the health of the persons, from the electronic & electrical equipment are today, in Europe, disciplined from two Directives:

- Directive 2002/96/CE of the European Parliament and of The Council of 27 January 2003 (so called WEEE Directive - Waste Electrical & Electronic Equipment).
- Directive 2002/95/EC of the European Parliament and of The Council of 27 January 2003 (so called RoHS Directive - Restriction of the use of certain Hazardous Substances in electrical & electronic equipment)

About our code the situation now is this:

- Lead:
 - The Copper alloy used to make pins can contains lead only as impurity.
 - The Copper alloy used to make clamp can contains from the 2 to 4% in weight of lead. So they are exempted from the requirements of Article 4 of Directive 2002/95/EC of the European Parliament and of The Council of 27 January 2003 (Annex 1).
 - Traces might be present in thermoplastic material*
- Chromium VI:
 - Traces might be present in thermoplastic material *
- Mercury:
 - Traces might be present in thermoplastic material*
- Cadmium:
 - Traces might be present in thermoplastic material*
- PBB - PBBE
 - The thermoplastic material we use to make insulating body of our products doesn't contain any of the dangerous substances in object. The flame retardant used by our suppliers don't contain poly brominated biphenyls - PBB and poly brominated biphenyl ethers - PBBE

* Traces means < 0,1% by weight for Lead, Chromium VI and Mercury; < 0,01% by weight for Cadmium.

We can also remind to You that on 18 August 2005 the European Commission published a decision setting out maximum authorised concentration values for the hazardous substances listed in the European Directive in object.

The maximum level of concentration of hazardous substances for homogeneous material are the following:

Substance	Symbol	ppm (mg / Kg)	%
Lead	Pb	1.000	0,10%
Mercury	Hg	1.000	0,10%
Hexavalent Chromium	CrVI	1.000	0,10%
Cadmium	Cd	100	0,01%
Polybrominated Biphenyls	PBB	1.000	0,10%
Polybrominated Diphenyl Ethers	PBDE	1.000	0,10%

For the galvanisation of our metallic parts, when it is useful, we use tin bath of pure tin, absolutely lead free.

We remain at Your disposal for any further information you may need.

Best regards.

Environmental Management System
(Alberto Valsecchi)