

Environmental Regulations and Compliance

Heavy Metal Free, RoHS and Prop 65

Over the past several years, increased attention has been placed upon the potential environmental impacts of electronic products. Both voluntary and regulatory measures have been taken to address some of these concerns. Already in place are California Proposition 65 and the European Union End-of-Life Vehicle (ELV) and Flame Retardant Directives. Since July 2006 the European Union Restriction on Hazardous Substances (RoHS) Directive is in place and restricts the use of heavy metal substances (Lead, for example) in electronic products. There are also several states and countries currently considering their own legislation on this topic.

The use of materials that are environmentally friendly is of growing concern to Belden, its customers and to the global community since January 2006. Belden is engaged in a world-wide project to integrate into its product designs and supplier requirements a formalized program to restrict the use of these materials. The following list of materials represents examples of substances that Belden is eliminating or reducing in certain applications:

- Asbestos and its compounds
- Cadmium and its compounds
- Chromium VI and its compounds
- Lead and its compounds
- Mercury and its compounds
- Polybrominated biphenyls (PBBs) and their ethers/oxides (PBDEs, PBBEs)
- Di-(2-ethylhexyl)phthalate (DEHP)
- Penta-, Octa-BDE brominated flame retardants

As a result of this project, many of Belden's products are now, heavy metal free and meet the requirements of both RoHS and California Proposition 65. Please consult the Glossary of Terms section, contact Belden customer service or visit www.belden-emea.com for more specific product details and current compliance information.

RoHS Compliance

Unless so marked, cables in this catalog do not contain any of the following restricted substances, as an intentional additive, and is therefore compliant with European Directive 2002/95/EC (RoHS), European Directive 2000/53/EC (ELV), European Directive 2003/11/EC (BFR), European Directive 2002/96/EC (WEEE), and California Proposition 65 Consent Judgement for Wire & Cable Manufacturers [San Francisco Superior Court Nos. 312962 and 320342] (Prop 65).

For customer convenience, Belden products that are in compliance with these directives contain the identification "ROHS" within the text of the jacket surface printing and also an environmentally friendly logo (as shown at right) on package labeling.



Substance	Maximum Concentration*
Lead	0.03%
Mercury	0.10%
Hexavalent Chromium	0.10%
PBB, PBDE**	0.10%
Cadmium	0.01%

* Per homogeneous material, as trace or contaminate amount.

** Some Belden cables may contain Decabromodiphenyl Oxide/Ether (PBDE) as a flame retardant. This substance is currently exempt from RoHS.

In addition, Belden products do not contain asbestos and its compounds or Di-(2-ethylhexyl)phthalate (DEHP).

This determination is based upon information obtained from sources which Belden believes are reliable, and from random sample testing at the Belden Engineering Center; however, the information is provided without any representation of warranty, expressed or implied, regarding accuracy or correctness. Belden does not specifically run any analysis on our raw materials or end product to measure for these substances.

The information provided in this catalog, and the identification of materials listed as reportable or restricted within the catalog, is correct to the best of Belden's knowledge, information and belief at the date of its publication. The information provided in the catalog is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This catalog is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.