

# **Ossi Connectors A/S compliance to EU Directive 2000/53/EC, 2003/11/EC, 2002/96/EC, 2002/95/EC and 2011/65/EC**

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## **Introduction**

This document describes the extent to which Ossi Connectors A/S products may or not may contain lead, cadmium\*, mercury, PVC, flame retardants and various other substances that are subject to current or future legal restrictions or that are otherwise of interest to the client.

## **Compliance with currently applicable legal requirements.**

To our knowledge all products developed, manufactured and delivered by Ossi Connectors A/S meet or exceed all currently applicable legal requirements regarding the presence of hazardous substances in products, including EU Directive 2000/53/EC (ELV) and 2003/11/EC.

## **Compliance with RoHS and WEEE**

Regarding EU Directive 2002/96/EC (WEEE), 2002/95/EC (RoHS) and 2011/65/EC (RoHS2), all products developed manufactured and delivered by Ossi Connectors A/S meet or exceed all currently applicable legal requirements. This regarding the presence of hazardous substances in products that meet the RoHS limits on the presence of the substances banned or restricted by RoHS: lead, cadmium\*, mercury, hexavalent chromium and certain brominated flame retardants (PBB and PBDE).

## **Availability of RoHS compliant / lead free products**

Products from Ossi Connectors A/S are available in RoHS and lead free compliant versions. As client process may vary, please contact us with any specific requirements

## **Meeting specific client needs regarding material and design**

To the extent that you are interested in pursuing reduction or elimination of certain materials, we encourage you to contact our product design engineers.



## Information regarding specific substances

- **Antimony:** Products do not contain antimony.
- **Arsenic:** Products do not contain arsenic.
- **Asbestos:** Products do not contain asbestos.
- **Beryllium:** A limited number of products may contain beryllium copper alloys.
- **Biphenyls, Diphenyls and Terphenyls:** Products do not contain biphenyls, diphenyls or terphenyls.
- **Cadmium:** Some products are cadmium plated.
- **Chromium:** A limited number of products contain stainless steel, aluminium or copper alloys which may contain chromium metal. These alloys may be present in terminals, housings, screws and springs.
- **Cobalt:** A limited number of products contain beryllium copper alloys that also contain cobalt.
- **Deca-BDE:** No Deca-BDE materials are being used in components manufactured by Ossi Connectors A/S. Therefore our components are compliant with this addition to the RoHS directive.
- **Dioxins and Furans:** Products do not contain dioxins and furans.
- **Halogens:** Various thermoplastics used in some products currently use brominated and other halogenated flame-retardant systems. All flame retardant systems include materials not banned by the RoHS, ELV and WEEE legislation.
- **Lead:** Products that may contain lead or lead compounds include soldered products and assemblies, solder-dipped and tin/lead-plated terminals, screw machined terminals and PVC-jacketed cable.
- **Mercury:** Products do not contain mercury.
- **Nickel:** Some products that may contain nickel include; nickel plated products, gold plated products with a nickel under plating and tin plated products with a nickel under plating. Nickel or nickel alloys may be present in terminals, housings, screws and springs.
- **Octa-BDE:** Products do not contain octa-BDE.
- **ODS:** Products do not contain ODS.
- **PAH:** No Polycyclic aromatic hydrocarbon compounds are being used in any of the components manufactured by Ossi Connectors A/S
- **PCB, PCP, PCT, PCDE, PBDD, PCDD, PBDF and PCDF:** Products do not contain PCB, PCP, PCT, PCDE, PBDD, PCDD, PBDF or PCDF.
- **Phenol:** Products do not contain Phenol.
- **Phosphorus:** Some products use specific flame retardant systems. Certain base metals also contain phosphorous.
- **Phthalates:** Products do not contain Phthalates.
- **PVC:** PVC is used in cables and heat-shrink tubing.
- **Radioactive compounds:** Products do not contain radioactive compounds.
- **Selenium:** Products do not contain selenium.
- **Styrene:** Products do not contain styrene.
- **Tellurium:** Products do not contain Tellurium.

- **Vinyl Chloride Monomer:** Products do not contain vinyl chloride monomer above 0.001%.
- **Zinc:** Almost all backshells are made from zinc. Most copper and copper alloys contain zinc. Terminals manufactured from brass alloys may contain up to 40% zinc.

\* Some products are cadmium plated and not RoHS compliant.



### **For further information**

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