



Electronic Parts and Components

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### **Re : Environmental Letter, Hazardous Substances**

We, EPCOS, are committed to conserving the environment and treating natural sources with care and respect. This applies as much to our production processes as to our products. The assessment of the environmental effects of our products begins as early as the development stage. It is our aim to go beyond legal requirements to prevent environmental pollution or to reduce it to an absolute minimum. Through continuous technological innovations, EPCOS, intends to contribute positively to the natural environment and to ensure that all products given to our partners will be in compliance with existing law, latest at the date of enforcement, which is for the RoHS (2002/95/EC) July 1<sup>st</sup>, 2006.

As a company with global operations, EPCOS is confronted with a host of special requirements by customers or associations relating to “hazardous substances”, “dangerous materials”, “substances whose presence is subject to mandatory declaration” or generally to all substances contained in our products. As a manufacturer of over 50 000 types of components, we decided long ago to develop and manufacture our products in compliance with Siemens Standard SN 36350 which is equivalent to so called C4E\*) list, and thus to ensure our products are free of all substances subject to statutory restrictions.

In accordance with the stipulations ELV (2000/53/EC), RoHS (2002/95/EC) and to our present state of knowledge our products do not contain:

1. Cadmium (Cd) and cadmium compounds
2. Chromium (VI) (Cr(VI))
3. Mercury (Hg) and mercury compounds
4. PBB (polybrominated biphenyl) category and PBDE (polybrominated diphenyl ether) category \*\*)

and most of the our products do not contain:

5. Lead (Pb) and lead compounds \*\*\*)

As the TAC will decide for the RoHS on a definition of “free of banned substances” not before April, 2004, we follow the present state of discussion to define “free of ..” as 0.1 wt% for points 2., 3., 4. and 5. and 0.01 wt% for 1.

Best Regards

Dr. G. Schulz  
EPCOS AG, München  
Director ES&H

\*) <http://www.eicta.org/Content/Default.asp?PageID=211>

#### **Bans and restrictions from legal provisions in electric and electronic products**

\*\*) including pentabromodiphenyl ether and octabromodiphenyl ether (2003/11EC amending 76/769/EEC)

#### **\*\*\*) Important Note:**

There are components containing lead as part of a ceramic lattice like thermistors, piezo electronic components etc. or containing lead with high melting solders for internal connections. Because a substitution of lead is not possible in these cases corresponding exemptions were added to ELV and RoHS by the Technical Adaptive Committee (TAC). For a timeline of the substitution of lead with external soldering connections see respective roadmap published at EPCOS homepage. EPCOS has issued material data sheets for all major product families, accessible via <http://www.epcos.com>.

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