

RoHS, RoHS2, RoHS3 (RESTRICTION OF HAZARDOUS SUBSTANCES)

Sonitron nv declares that all of our products are in compliance with the directives: 2002/95/EC (restriction hazardous materials) and 2011/65/EU ROHS 2, although some products are not subjected to the European CE legislation.

All components are even in accordance with the new directive 2015/863, known as ROHS 3.

We confirm that none of our buzzers (Standard, SVC, SRA, SMA, SMAT, SMB, SMAC and SXL series), Alarms (SAS, SAP series), speakers (SCS, SPS and Blue line SPS series) or Amplifiers contain any of the following substances:

- mercury (Hg)
- cadmium (Cd)
- hexavalent chromium (Cr (VI))
- polybrominated biphenyls (PBB)
- polybrominated diphenyl ethers (PBDE)
- lead => (Exemption 7 (c)-I)
- Bis(2-ethylhexyl) phthalate (DEHP)
- Butyl benzyl phthalate (BBP)
- Dibutyl phthalate (DBP)
- Diisobutyl phthalate (DIBP)

Piezo ceramic exempted

The amount of lead in electronic ceramic parts, e.g. in our piezocomponents, and in the silver paste belong to the group of applications which are exempted from the requirements of article 4(1).

In Annex III (Applications exempted from the restriction in Article 4(1) is exemption 7(c)-I:

Exempted: "Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound"

Sonitron N.V. can not be held responsible for any deviations in raw materials or components used in their products. Additional information or reports can be supplied after written and motivated request, provided it does not concern classified unreleased production information and subject to cost calculation when information is requested from third parties.



Sonitron sound components that can be used by customers as an independent product are subjected to the European CE legislation. Sound components which are designed to be placed on a PCB board are not subjected to the CE legislation.

The Sonitron sound components with CE label are in accordance with the following CE directives.

2015/863/EU RoHS3 Directive

2011/65/EU RoHS2 Directive

Concerning the restriction of the use of certain hazardous substances in electrical and electronic equipment

2004/108/EC EMC Directive

Measurements according following standard(s) :

EN50130-4: 1995/ A1:1998 /A2:2003 (Alarms)

- EN61000-4-3 – Radiated immunity
- EN61000-4-6 – Conducted immunity
- EN61000-4-2 – Electrostatic discharges
- EN61000-4-4 – Electrical fast transient
- EN61000-4-5 – Electrical surges

EN61000-6-3 (2006)

- EN 55011 - Radiated emission
- EN 55011 - Conducted emission

sonitron® N.V.
S.A.
Kasteelstraat 93
B-9100 SINT-NIKLAAS (Belgium)

Remarks: The tested modules components can't be connected to cables longer or equal to 30m as is specified in EN50130-4 for testing according EN61000-4-5.