

Royal Philips Electronics List of Relevant Substances in Products

This list is additional to the list of restricted substances in products. Use of these substances is allowed, but any use of these substances must be reported above the declaration threshold as specified in this list.

Most substances are placed on this list because of health risks in their use and/or processing. Magnesium and Bismuth are placed on this list because they limit copper recycling. Indium is placed on the list because of its scarcity. Precious metals are placed on this list, because they are important drivers for recycling and they have a high environmental impact in mining.

Relevant Substances	Declaration threshold ppm (mg/kg) ¹
Antimony and Antimony compounds	1000
Arsenic and Arsenic compounds	1000
Barium and Barium compounds	1000
Bismuth and Bismuth compounds	1000
Indium and Indium compounds	1000
Magnesium	1000
Precious metals and their compounds: Gold, Palladium, Silver, Platinum	1000
Selenium and Selenium compounds	1000
Tellurium and Tellurium compounds	1000
Thallium and Thallium compounds	1000
All chlorinated and brominated organic compounds, other than mentioned in the Royal Philips Electronics List of Restricted Substances in products, e.g., PVC and bromine containing flame retardants.	1000
Organic compounds as residual material in plastics (e.g., monomers and solvents such as acrylonitril, butadiene, epichlorohydrine, vinylchloride, isocyanate, toluene, xylene)	1000
Trimethylphosphate and triphenylphosphate and other phosphor based flame retardants	1000
Radioactive substances	Intentionally added ^c
Hexavalent Chromium (Cr 6+) and Cr (6+) compounds (see remark a)	1000
Lead and Lead compounds (see remark a and b)	1000

- Because these substances are not legally restricted for use in **Medical Equipment** and are exempted in specific applications by legislation (e.g., lead soldering for automotive products), they have been added to this List for reporting purposes only. Hence, all uses of chemicals that are exempted by legislation including the European RoHS Directive also need to be reported here.
- The percentage of components and solder, which contain lead, needs to be reported for printed wiring board applications in **Medical Devices**.
- Report in Megabecquerel (MBq) for each substance (e.g., Iodine 131, Krypton 85).

1. Substances with a concentration above these levels should be declared on component level. Substances are measured in homogeneous materials.