Elmos Semiconductor SE statement on ELV, RoHS, REACH and “rare earths” statement

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Product explanation

For Elmos Semiconductor SE, is understood that we continuously analyze and further reduce our environmental impact because of Elmos environmental, health and safety policy. This improvement process includes compliance with changing legislation and changing health and safety rules for the handling of hazardous, toxic and banned substances. We attach great importance to the fact that all purchased materials always comply with the current safety rules for the handling of dangerous, toxic and prohibited substances of the respective manufacturing and sales country.

Restriction of Hazardous Substances (ELV, RoHS)

Directives 2000/53/EC on End of Life Vehicle and 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic restricts the use of certain hazardous substances in certain electrical and electronic equipment.

Elmos Semiconductor SE hereby confirms that in all products supplied to its customers and/or subsidiaries, no substances are “intentionally introduced” according to the attached table. (See EU Directive 2011/65/EU and Commission Delegated Regulation 2015/863/EU of 31 March 2015 amending Annex II to Directive 2011/65/EU unless exempted by regulations.)

Restricted substances referred to in Article 4(1) and maximum concentration values tolerated by weight in homogeneous materials:

-> Cadmium and its compounds (0.01%)

-> Lead and its compounds (0.1%)

-> Mercury and its compounds (0.1%)

-> Hexavalent chromium and its compounds (0.1%)

-> Polybrominated biphenyls (PBB) (0.1%)

-> Polybrominated diphenyl ethers (PBDE) (0.1%)

-> Bis(2-ethylhexyl) phthalate (DEHP) (0.1%)

-> Butyl benzyl phthalate (BBP) (0.1%)

-> Dibutyl phthalate (DBP) (0.1%)

-> Diisobutyl phthalate (DIBP) (0.1%)

“Intentionally introduced” shall mean “deliberately utilized in the formulation of a material or component where its continued presence is desired in the final product to provide a specific characteristic, appearance, or quality.”

Elmos further declares that in all delivered products any unintentional pollutant concentration of these substances in any homogeneous material is:

-> less than 0.1% for lead, mercury, hexavalent chromium, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE), bis (2-ethylhexyl) phthalate (DEHP), butyl benzyl phthalate (BBP), dibutyl phthalate (DBP), diisobutyl phthalate (DIBP) and

-> less than 0.01% for cadmium

Registration, Evaluation, Authorisation and restriction of Chemicals (REACH)

The microelectronic components manufactured by Elmos Semiconductor SE are considered as articles and therefore not subject to registration under the REACH regulation (Registration, Evaluation, Authorization and Restriction of Chemicals, Regulation EC/1907/2006). The products we supply do not contain substances such as the latest candidate list published by the European Chemicals Agency in accordance with Article 59 (1,10) of Regulation EC/1907/2006 (REACH), in a concentration greater than 0.1% w/w (see ECHA website: http://echa.europa.eu/). This includes both substances in the Candidate List of Substances of Very High Concern (SVHC) published by ECHA on January 19th, 2021 and all substances listed in Annex XVII of the REACH Regulation.

According to Article 7(3), notification is not required since exposure to humans or the environment under normal or reasonably foreseeable conditions of use including disposal (disposal phase of electronic products is covered in the European Union by the WEEE directive 2002/95/EC) can be excluded for Elmos semiconductor products.

Use of "rare earths" in microelectronic products of Elmos Semiconductor SE

Elmos Semiconductor SE does not deliberately add any chemical elements from the group of the so-called "rare earths" to any of our products. There may be traces of rare earths in certain ceramic packages but we do not make the actual ceramics, nor are they intentionally added.

Our point of contact for ELV, RoHS, REACH and "rare earths" are:

Dipl.-Ing. Marcus Schoof
Elmos Semiconductor SE
Environmental Officer,
Environmental Management Officer,
Occupational Safety Engineer
Heinrich-Hertz-Str. 1,
44227 Dortmund
Germany

Ing. René Besselink
Elmos Services BV
Quality Manager
Assembly Coordination/
Material Compliance
Kerkenbos 1230 B,
6546 BE Nijmegen,
The Netherlands