

## Hazardous and prohibited materials in accordance with EU directive 2011/65/EU (RoHS)

To whom it may concern,

*norelem Normelemente GmbH & Co. KG* is a supplier of standard elements for mechanical engineering and fixture construction.

We confirm to our customers that our **standard products fulfil the above guideline** and none of the following named materials – few exceedances can be found in the Negative List Material Compliance – are knowingly contained in a quantity above the permitted limit values:

- **Lead (0,1%)**

Exemptions in accordance with RoHS appendix III:

6a) Lead as an alloying element in steel for machining purposes and in electro zinc-plated steel containing up to 0,35% lead by weight.

6b) Lead as an alloying element in aluminium containing up to 0,4% lead by weight.

6c) Copper alloy containing up to 4% lead by weight.

The exemptions are valid at least until February 2022 resp. 21/July/2024, depending on the equipment category.

- **Mercury (0,1%)**

- **Cadmium (0,01%)**

- **Hexavalent chromium (0,1%)**

- **Polybrominated biphenyls (PBB) (0,1%)**

- **Polybrominated diphenyl ethers (PBDE) (0,1%)**

### List of prohibited substances extended by delegated directive (EU) 2015/863:

- **Bis (2-ethylhexyl) phtalate (DEHP) (0,1%)**

- **Butyl benzyl phtalate (BBP) (0,1%)**

- **Dibutyl phtalate (DBP) (0,1%)**

- **Diisobutyl phtalate (DIBP) (0,1%)**

If you still have questions, please contact the following department:

**Material Compliance norelem**

e-mail: [material-compliance@norelem.de](mailto:material-compliance@norelem.de)