

To all customers
of Lederer GmbH

Ennepetal, February 2019

Your inquiry about the RoHS Directive 2011/65/EU

Dear Sir or Madam,

We thank you for your request for information on the EU Directive RoHS.

The EU-Directive 2015/863/EU (also known as RoHS III) updated the directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

In Germany, this Directive is transposed into the "Elektro- und Elektronikgeräte-Stoff-Verordnung (ElektroStoffV)". Accordingly, electrical and electronic equipment, including cables and spare parts, cannot be put on the market if they contain >0,1 % (weight) Lead, Mercury, Hexavalent Chromium, PBB, PBDE, DEHP, BBP, DBP, DIBP or >0,01 % (weight) Cadmium in homogeneous materials. Some exemptions have been granted for specific applications.

For Lead as an alloying element, the exemptions have been listed in Annex III:

- 6a (Steel max. 0,35 %),
- 6b (Aluminium Alloy max. 0,4 %),
- 6c (Copper Alloy. max. 4 %)

Fasteners are not in the scope of the Directive. However this might be different if they are part of electrical and electronic equipment within the scope of the Directive.

In attachment, we are sending our declaration of conformity.

Yours sincerely,

Lederer GmbH



i.A. Jörg Baumann
- Leiter QM -

DECLARATION OF CONFORMITY

EU-Directive 2011/65/EU, updated with 2015/863/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

We:

Company: **Lederer GmbH**
Address: **Katzbachstr. 4**
Postal code / Town/city: **58256 Ennepetal**

hereby declare, that the fasteners delivered by ourselves with the following characteristics correspond to the requirements of the RoHS Directive:

Basic material:	- Steel - stainless steel - Non-ferrous metals - Synthetic materials (excluding flame-retardant products)	conform to 2011/65/EU: appendix III 6a appendix II appendix III 6b, 6c appendix II
Coating:	- None - Coatings of zinc and zinc alloys with blue/transparent passivation - Non-electrolytically applied zinc flake without chromate (flZnnc) - Hot dip galvanized coatings	appendix II appendix II appendix II appendix II
Reference:	- ISO 4042 Fasteners – Electroplated coatings - ISO 19598 (DIN 50979) Metallic coatings – Electroplated coatings of zinc an zinc alloys steel with supplementary Cr(VI)-free treatment - ISO 12683 Mechanically deposited coatings of zinc - ISO 8839 Mechanical properties of non-ferrous metals fasteners n - ISO 10683 Fasteners - Non-electrolytically applied zinc flake - ISO10684 Fasteners - Hot dip galvanized coatings - ISO 3613 Par. 5.5.2 - Chromate conversion coatings- Test methods	

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