



**LEDERER**

Verbindungselemente | Fasteners  
Zeichnungs- und Sonderteile | Special parts by drawing  
C-Teile-Management | C-parts management

Lederer GmbH | Katzbachstraße 4 | 58256 Ennepetal, Germany

To all customers  
of Lederer GmbH

**Lederer GmbH**

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Ennepetal,  
13. November 2023

## **RoHS-Directive 2011/65/EU**

Ladies and Gentlemen,

Thank you for your request regarding the RoHS Directive.

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment ("RoHS Directive") has been constantly updated since it came into force in 2011, including by Commission Delegated Directive (EU) 2015/863 ("RoHS III") of 31 March 2015 and most recently by Commission Delegated Directive (EU) 2023/171 of 28 October 2022. In Germany, the Directive is implemented by the Ordinance on Materials for Electrical and Electronic Equipment (ElektroStoffV). It stipulates that electrical and electronic equipment including cables and spare parts which contain more than 0.1 percent by weight of lead, mercury, hexavalent chromium, PBB, PBDE, DEHP, BBP, DBP, DIBP or more than 0.01 percent by weight of cadmium per homogeneous material may not be placed on the market.

Exceptions exist for certain substances and uses. For lead as an alloying element, for example, the exemptions set out in Annex III apply:

- 6a. I (steel max. 0.35%, hot-dip galvanised steel max. 0.2%)
- 6b. I/II (aluminium layer max. 0.4 %),
- 6c. (copper layer max. 4 %)

The exemptions expired in May/July 2021. Extension applications for the above-mentioned exemptions were prepared by an international association of associations ("RoHS Umbrella Industry Project") and submitted to the EU Commission in due time. A decision by the Commission is still pending. The exemptions remain valid until the Commission has decided on the application for renewal. In case of rejection, the exemption expires at the earliest 12 months and at the latest 18 months after the date of the decision.

Fasteners as such do not fall within the scope of the Directive. The situation may be different if they form part of the electrical and electronic equipment specified in the Directive.

We enclose our declaration of conformity as an attachment.  
Yours sincerely,

**Lederer GmbH** - Jörg Baumann - Head of QM -



Geschäftsführer:  
Dr. Volker Lederer, Peter Henke, Rainer Lederer  
Sitz: Ennepetal | Handelsregister Hagen | HRB 5663

Finanzamt Schwelm  
St.-Nr. 341/5710/0486  
USt-ID-Nr. DE812028614

Sparkasse an Ennepe und Ruhr  
IBAN: DE55 4545 0050 0083 0120 05  
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## 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	conform to 2011/65/EU:
	- stainless steel	appendix III 6a I
	- Non-ferrous metals	appendix II
	- Synthetic materials (excluding flame-retardant products)	appendix III 6b I/II, 6c appendix II
Coating:	- None	appendix II
	- Coatings of zinc and zinc alloys with blue/transparent passivation	appendix II
	- Non-electrolytically applied zinc flake without chromate (flZnnc)	appendix II
	- Hot dip galvanized coatings	appendix II, III 6a I
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	

November 2023

**Lederer GmbH** - Jörg Baumann - Head of QM -



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