

LANXESS Deutschland GmbH

To whom it may concern

**DIRECTIVE 2011/65/EU (RoHS)**  
**Applicability of our Ferrites, Iron and Chromium Oxides**

DIRECTIVE 2011/65/EU on the **Restriction of the use of certain Hazardous Substances** in electrical and electronic equipment.

This Directive 2011/65/EU was last amended by Commission Delegated Directive (EU) 2024/1416 of 13 March 2024.

Article 1 “subject matter” of this directive says,  
“This Directive lays down rules on the restriction of the use of hazardous substances in electrical and electronic equipment (EEE) with a view to contributing to the protection of human health and the environment, including the environmentally sound recovery and disposal of waste EEE.”

Annex II of this directive specifies limit values as follows:

Cadmium	0.01 % by weight
Lead	0.1 % by weight
Mercury	0.1 % by weight
Hexavalent chromium	0.1 % by weight
Polybrominated biphenyls (PBB)	0.1 % by weight
Polybrominated diphenyl ethers (PBDE)	0.1 % by weight
Bis(2-ethylhexyl) phthalate (DEHP)	0.1 % by weight
Butyl benzyl phthalate (BBP)	0.1 % by weight
Dibutyl phthalate (DBP)	0.1 % by weight
Diisobutyl phthalate (DIBP)	0.1 % by weight

January 28, 2025

**LANXESS Deutschland GmbH**  
Siegfried van Ooy  
IPG-GTO-HSEQ-QM REACH  
R 54 / room 323  
Rheinuferstrasse 7 - 9  
47829 Krefeld  
Germany

[www.lanxess.com](http://www.lanxess.com)

Executive Board:  
Matthias Zachert  
(Chairman)  
Frederique van Baarle  
Dr. Hubert Fink  
Oliver Stratmann

Chairman of the Supervisory  
Board  
Dr. Rainier van Roesel

Registered Office: Cologne  
Local Court Cologne  
HRB 52600  
VAT ID no. DE814000384

Siegfried van Ooy

January 28, 2025  
DIRECTIVE 2011/65/EU (RoHS)  
Applicability of our Ferrites, Iron and  
Chromium Oxides  
Page 2 of 2

With regard to cadmium, lead, mercury and hexavalent chromium, we state that these metals may be present in our products as undesirable impurities, but below the specified limits.

Concerning the also mentioned phenyls and phthalates, we state that

1. we do not use these substances as raw materials,
2. we do not add them during the further manufacturing process (e.g. as auxiliary material)
3. we do not expect these substances to be formed during the manufacturing process.

Because of above reasons, we do not expect PBB, PBDE, DEHP, BBP, DBP or DIBP to be present in our products, except for ubiquitous traces. For this reason, we do not analyze for these substances.

**In summary, our ferrites, iron and chromium oxides, whether as pigments or as technical oxides, comply with the specified limits of this directive.**

Yours sincerely,

LANXESS Deutschland GmbH



i.V. Siegfried van Ooy  
Quality Management  
Global Technical Operations IPG

