

LANXESS Deutschland GmbH / D-50569 Cologne, Germany

**To whom it may concern**

**Absence of various chemicals**

Dear Madam or Sir,

We hereby confirm, that according to our best state of knowledge the following substances have not intentionally been added to the final production step of our thermoplastic resins within the product-line

**Durethan®**

and they are not known to be present. Although we have not analysed all mentioned substances, we assume, that only technically unavoidable traces may occur.

**1 Heavy Metals:**

- 1a Cadmium and Cadmium compounds
- 1b Lead and Lead compounds
- 1c Mercury and Mercury compounds
- 1d Hexavalent chromium and its compounds
- 1e Arsenic and Arsenic compounds

**2 Chlorinated restricted organic Compounds, e.g.:**

- 2a Polychlorinated Biphenyls (PCB)
- 2b Polychlorinated Terphenyles (PCT)
- 2c Polychlorinated Naphthalenes ( PCN )
- 2d Chlorinated paraffins (CP, SCCP)
- 2e Mirex ( Perchlordecone )
- 2f Dechlorane Plus (DP)

**3 Restricted brominated organic Compounds, e.g.:**

- 3a Polybrominated biphenyls ( PBB )
- 3b Polybrominated diphenylethers ( PBDE, including Deca-BDE )
- 3c Tetrabromobisphenol-A-bis-(2,3-dibromopropylether )
- 3d HBCD

March 23, 2021

**LANXESS Deutschland GmbH**

Dr. Holger Schmidt  
PTSE-HSEQ-GRA-GPS  
K10 R. 1015  
D-51369 Leverkusen

Phone +49 221 88855112  
Fax +49 214 30 959 72909  
mailto:holger.schmidt@lanxess.com  
www.lanxess.com

**Executive Board:**

Matthias Zachert  
(Chairman)  
Dr. Anno Borkowsky  
Dr. Stephanie Coßmann  
Dr. Hubert Fink  
Michael Pontzen

Chairman of the Supervisory  
Board:  
Dr. Matthias L. Wolfgruber

Registered Office: Cologne  
Local Court Cologne  
HRB 52600  
VAT ID no. DE 814 000 384

#### 4 Organic tin Compounds (di- or tri-), e.g.:

- 4a Tributyl tin compounds
- 4b Triphenyl tin compounds
- 4c Di- $\mu$ -oxo-di-n-butylstanniohydroxyborane (DBB)

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#### 5 Phthalates and derivatives

#### 6 Fluorinated or Perfluorinated Compounds and derivatives, e.g.:

- PFAS [various CAS]
  - LCPFAC [various CAS]
  - PFOA [CAS 3825-26-1]
  - PFOS [CAS 2795-39-3]
- and further examples belonging to this group of substances not being exhaustively listed here.

#### 7 REACH Substances of Very High Concern (SVHC)

above a threshold of 1000 ppm as listed here:

<http://echa.europa.eu/web/guest/candidate-list-table>

#### 8 Miscellaneous

- Asbestos
- Azo Compounds with releasing potential of critical amines
- Bisphenols A, -S, -F
- Formaldehyde, Formamide
- Ozone Depleting Substances
- Polycyclic aromatic hydrocarbons (PAH)
- Natural Latex, Allergens
- Vinyl chloride, Polyvinylchloride (PVC), Polyvinylidenchloride (PVDC)
- Radioactive Substances
- POP Substances
- Pesticides, Biocides
- Nitrosamines
- Dimethylfumarate
- Sulphur in elemental state, Sulphur hexafluoride
- Sulphur containing vulcanisation accelerators
- DOTG
- Alkylphenol, Alkylphenol Ethoxilates (APEO), Nonylphenol
- BNST
- TDBPP, TEPA, TDCPP, TPP, TCPP, TCEP
- Silicones

NOGE, BFDGE, BADGE

Hydrazine

n-Hexane, Cyclohexane,

Toluene, Benzene, Ethylbenzene, Xylene, Styrene

Acetaldehyde, Propylene aldehyde

Chlorobenzenes

Selenium and its compounds

Perchlorates

Red phosphorous

MOSH, MOAH, POSH

Fluorinated hydrocarbons (greenhouse gases)

Dioxins, 1,4-Dioxane

2-(2'-hydroxy-3', 5'-di-tert-butylphenyl) benzotriazole

2,4,6-tri-tert-butylphenol

Fragrances

Colophony (Rosin)

Di-2-ethyl-hexyl maleate (DEHM)

Dimethylfumarate, Dibutylfumarate

Ethoxyquin

Glycol ethers e.g. EGME, EGMEA, EGEE, EGEEA

Nanoparticles

Ionizing treated substances

Gluten

Parabene,

ITX, MBP

Acetylaceton, Titanium Acetylacetonate,

Benzophenons,

Gold, Tungsten, Tantalum,

Cobalt, Indium, Palladium, Beryllium

Naphthalene

4,4'-Methylenedianiline (MDA)

N,N'-diphenyl-p-phenylenediamine (DPPD)

Synthetic biopersistent mineral fibres

Graphite

Plasticisers including aromatic and aliphatic ester plasticisers

Poly((R)-3-hydroxybutyrate-co-(R)-3-hydroxyhexanoate)

N,N-dimethylacetamide

Para-nitroanisole

Thiotin compounds

Tert. butyl benzoic acid (TBBA)

Substances with a risk of BSE / TSE

Phenol, Isopropylated Phosphate 3:1 (PIP 3:1)

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Additional information may be found here:

<http://techcenter.lanxess.com/scp/emea/en/home/index.jsp>

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Sincerely  
LANXESS Deutschland GmbH

*i. V. H. Schmidt*

Dr. Holger Schmidt  
PTSE-HSEQ Regulatory Affairs, REACH & Product Stewardship

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