

LANXESS Deutschland GmbH / D-50569 Cologne, Germany

To whom it may concern

Absence of various chemicals

February 17, 2022

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

LANXESS Deutschland GmbH

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

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

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5 Phthalates and derivatives

6 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
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 – Global Regulatory Affairs – Global Product Stewardship

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