

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 like:

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

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

January 17, 2019

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)

5 Phthalates as softeners, e.g.:

DEHP CAS 117-81-7, DIBP CAS 84-69-5, DIDP CAS 26761-40-0, DINP CAS 28553-12-0, DBP CAS 84-74-2, DNOP CAS 117-84-0, BBP 85-68-7, DNHP 84-75-3, DIOP 27554-26-3 etc.

6 PFOA/PFOS and derivatives, e.g.:

- PFOA [CAS 3825-26-1]
- PFOS [CAS 2795-39-3]

7 REACH Substances of Very High Concern (SVHC)

above a threshold of 1000ppm 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), Polyvinylidenechloride (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
TCPP, TCEP
Silicones
NOGE, BFDGE and 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

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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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