

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



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)
- 2f Dechlorane Plus (DP)

3 Restricted brominated organic Compounds, e.g.:

3a Polybrominated biphenyls (PBB)

3b Polybrominated diphenylethers (PBDE, including Deca-BDE)

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LANXESS Deutschland GmbH

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3c Tetrabromobisphenol-A-bis-(2,3-dibromopropylether) 3d HBCD

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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 Softener, 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 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 substancees not being exhaustively listed here.

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, Mica,

Azo Compounds with releasing potential of critical amines

Formaldehyde, Formamide

Ozone Depleting Substances

Polycyclic aromatic hydrocarbons (PAH)

Natural Latex, Allergens

Vinyl chloride, Polyvinylchloride (PVC)

Radioactive Substances

POP Substances

Pesticides, Biocides

Nitrosamines

Dimethylfumarate

Sulphur in elemental state, Sulphur hexafluoride

Sulphur containing vulcanisation accelerators

DOTG



Alkylphenol, 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

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

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

Naphthalene

4,4'-Methylenedianiline (MDA)

Substances with a risk of BSE / TSE

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

Azocarbonamide

Graphite

Thiotin compounds

Tert. butyl benzoic acid (TBBA)

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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