

**Subject: Absence of various chemicals**

July 15, 2019

Dear LANXESS Customer,

**LANXESS Corporation**  
Product Safety and  
Regulatory Affairs  
Department

We confirm, according to the best of our knowledge the following substances have not been intentionally added to the final production step or are they known to be present of our thermoplastic resins within the product-lines:

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Pittsburgh, PA 15275  
Phone: 1-800-LANXESS  
[www.US.LANXESS.com](http://www.US.LANXESS.com)

**Durethan®**

Although we have not analyzed 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

**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)

**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

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

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

#### **7 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)  
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

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.

Fluorinated hydrocarbons (greenhouse gases)  
Dioxins  
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,  
Colorants  
Gold, Tungsten, Tantalum, Indium, Palladium  
Naphthalene  
4,4'-Methylenedianiline (MDA)

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.