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Hostaform® C 27021

GADSL (global automotive declarable substance list, 2020-02-01)

(content of substances is covering VDA 232-101) – see also listing in IMDS – Database

Please note that the manufacturer or seller of parts and articles made out of the above mentioned Celanese Engineered Materials products (Products) have to take the full responsibility regarding applicable legal requirements.

Packaging and Packaging Waste

- ***Directive 94/62/EC, Article 11 and***
- ***Directive 2004/12/EC***
- ***CONEG Legislation (USA, Coalition of Northerneastern Governors)***

The Products conform to the EU Directive 2004/12/EC (revised Directive 94/62/EC on packaging and packaging waste: presence of mercury, lead, cadmium and hexavalent chromium in packaging < 100 ppm) as well as the CONEG-Regulation.

Dimethylfumarate

- ***Regulation (EC) No 412/2012 of 15 May 2012 amending Annex XVII of Regulation (EC) No 1907/2006 (REACH)***

The Products by constitution do not contain dimethylfumarate (DMF, 2-butenedioic acid, dimethyl ester, CAS 624-49-7). Therefore, the products are in compliance with both regulations (EC) 412/2012 and (EC) 1907/2006.

Absence of Epoxides - BADGE, NOGE

- ***Regulation EC 1895/2005***

We confirm that the above listed Engineered Materials products by constitution do not contain epoxy resins. In particular we confirm that neither bisphenol A diglycidyl ether

(BADGE) nor Novolac glycidyl ether (NOGE) are used to manufacture above listed products.

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Therefore, the above listed products are in compliance with Commission Regulation EC 1895/2005.

Halogenated Substances, Halogenated Dioxins and Furans

- ***Regulation EU 1272/2008 (CLP)***
- ***Directive 2003/11/EC (amending Directive 76/769/EEC, pentabromodiphenyl ether and octabromodiphenyl ether)***
- ***Regulation (EC) 850/2004 on Persistent Organic Pollutants (POP)***
- ***Regulation (EU) 2019/1021 on Persistent Organic Pollutants (POP, recast)***
- ***Regulation (EU) 2020/784 (amending (EU) 2019/1021)***
- ***Regulation EU 1005/2009 on ozone depleting substances***
- ***Regulation (EC) 517/2014 on fluorinated greenhouse gases***

We confirm that all Products as delivered by Celanese, Engineered Materials comply with the above listed Regulations and Directives incl. all amendments published before the date of this letter.

In addition the following halogenated chemical compounds are not used in the manufacturing of the Products:

Substance	
HBFC	Hydrobromofluorocarbons
PBB	Polybrominated Biphenyls
PBT	Polybrominated Terphenyls
PBDE	Polybrominated Diphenylethers (incl. decaBDE)
TBBA	Tetrabromobisphenol A
PCP	Pentachlorophenol
TCB	Trichlorobenzol,(2005/59/EC)
HCB	Hexachlorobenzene
HCFC	Hydrochlorofluorocarbons
PCB	Polychlorinated Biphenyls
PCT	Polychlorinated Terphenyls
PCN	Polychlorinated Naphthalenes
PCDE	Polychlorinated Diphenylethers
SCCP	short chain chlorinated paraffins
MCCP	medium chain chlorinated paraffins
LCCP	long chain chlorinated paraffins
HBCD, HBCDD	Hexabromocyclododecane (all diastereoisomers)
VC	Vinylchloride
PVC	Polyvinylchloride
PVDC	Polyvinylidene chloride
TBPP	Tri (2,3-dibrompropyl)-phosphat
TBP	2,4,6- Tribromophenol
TBA	2,4,6- Tribromoanisole
Triclosan	5-Chlor-2-(2,4-dichlorphenoxy)-phenol (CAS Reg.No. 3380-34-5)

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Phthalates used as softeners, incl. those listed in

- ***Annex XIV of Regulation EU 1907/2006 (REACH)***
- ***Annex of Directive 2005/84/EU (Toys)***
- ***Annex II of Directive 2011/65/EU (RoHS)***

We confirm that the Products comply to the REACH regulation as well as Directive 2005/84/EU and 2011/65/EU.

Specific Substances

Celanese Engineered Materials confirms that the Products by constitution do not contain the following substances:

Substance
2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole (CAS Reg.No. 3846-71-7)
2-Isopropylthioxanthone (ITX)
4-tert-Butylbenzoic acid (PTBBA); (CAS Reg.No. 98-73-7)
Acetophenone
Acrylonitril
Acrylamines and Acrylamides
Alkylphenol ethoxylates (APE, APEO)
Asbestos (CAS Reg.No. 1332-21-4, refractory ceramic fibers)
Azodicarbonamide (CAS Reg.No. 123-77-3)
Benzene
Benzenemethanol, alpha,alpha-dimethyl-, (CAS Reg.No. 617-94-7)
Benzoyl peroxide
Benzidin
Bis(2-ethylhexyl) adipate (DEHA CAS Reg.No. 103-23-1)
Bisphenol A (CAS-No. 80-05-7)
Bisphenol F (CAS-No. 620-92-8)
Bisphenol S (CAS-No. 80-09-1)
Bisphenol-F-diglycidylether (BFDGE) – 1895/2005/EC
Bisphenol-FL (CAS-No. 3236-71-3)
Butylated Hydroxytoluene (BHT)
Butylated Hydroxyanisole (BHA, CAS Reg.No. 25013-16-5)
Chlorpyrifos (CAS Reg.No. 2921-88-2)
Colophony, Pine rosin (CAS Reg.No. 8050-09-7)
Cyclododecane (CAS Reg.No. 294-62-2)
Diethylene glycol dimethacrylates
Dimethylformamide (DMF, CAS Reg. No. 68-12-2)
Diazinon (CAS Reg.No. 333-41-5)
Ethyl benzene (CAS Reg.No. 106-46-7)
Fenobucarb (CAS Reg.No. 3766-81-2)
Gluten
Kalium-Dichromat

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Kreosol
Latex, natural rubber
Mirex (Perchlordecone)
N,N-Dimethyl-p-toluidine (CAS Reg. No. 99-9)
N-Ethyl-pyrrolidine (CAS Reg.No. 2687-91-4)
Organotin compounds (Tributyltin, Triphenyltin)
Octylphenol, Nonylphenol
Octylphenoethoxylates – OPEO
N-Nitrosamines (R ¹ R ² N-NO)
Nonylphenoethoxylates – NPEO
n- Tetradecane (CAS Reg. No. 629-59-4)
Nonanal (CAS Reg.No. 124-19-6)
Parabene, 4-Hydroxybenzoic acid esters
Red Phosphorus
Styrene (CAS Reg.No. 100-42-5)
Sulfur
Radioactive materials
Toluene, all isomers
Xylene (Dimethyl-benzene), all isomers

Asbestos compounds

Asbestos and other fibers which are able to pass into the lungs are not used in the Products.

Polycyclic Aromatic Hydrocarbons (PAHs)

- ***REGULATION (EU) No 1272/2013, amending Annex XVII to Regulation (EC) No 1907/2006***

The Products by constitution do not contain polycyclic aromatic hydrocarbons (PAHs = PAKs).

Azo dyes

We hereby confirm that the above mentioned product does not contain Azo dyes with carcinogenic amine compounds.

Phenolderivates can be included in the above mentioned products like in almost all plastic materials as antioxidants.

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Formaldehyde

Polyacetals can release traces of Formaldehyde when processed. Please keep in line with the applicable occupational health and safety requirements.

Usually our products are in compliance with EU Migration-Limit (EU 10/2011) for food contact applications and with VDA 275 test (emissions in cars). However, both tests have to be conducted at the end product.

Celanese, Engineered Materials Product Safety.

Important: This information relates only to the above mentioned materials as delivered in their original packaging. It does not relate to any product made of these materials with or without the inclusion of further additives, such as processing aids or colorants. To the extent that any hazards may have been mentioned in this publication, we neither suggest nor guarantee that such hazards are the only ones that exist. This information should not be construed as a promise or guarantee of specific properties of the products described or their suitability for a particular application. Any existing intellectual property rights must be observed.

It is the responsibility of any manufacturer of medical devices containing Celanese Engineered Materials resins to determine the necessary steps to ensure the safe and efficacious use of their products/devices and to obtain the necessary regulatory approvals for the intended applications. Insofar as this information relates to sterilization for medical purposes, the data contained herein show the typical effects of sterilization procedures on the nominal physical properties (using standardized test specimens) of the Celanese engineered Materials resins. The actual sterility of the parts has not been evaluated for either single or multiple use applications. The products mentioned herein are not intended for use in medical or dental implants.