

May 22, 2026

Celanese Engineered Materials Santoprene® Products

SAFETY DATA SHEETS (SDS)

For information on hazard communication please refer to our safety data sheets available from our website: <https://www.celanese.com/en/sds-search>.

REACH (Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)

Celanese is aware of the obligations imposed by REACH on EU manufacturers and importers as well as on downstream users (Registration, Evaluation, Authorisation and Restriction of Chemicals, 1907/2006/EC). We comply with the requirements of the REACH regulation with regards to our products sold in the EU, raw materials used in our European facilities, our own product imports as well as our obligations as a downstream user in the European chemical industry. The products marketed by Celanese Engineered Materials are not directly subject to the registration requirements under REACH, as polymers are excluded from registration obligations. For products imported into the EU by Celanese and where relevant, monomers and polymer additives were successfully registered under REACH. Should you require additional product information, please contact your sales representative.

REACH-SVHC

If an SVHC contained in a specific product exceeds the concentration limit given in the REACH regulation, article 31(3), this information needs to be stated on the European Safety Data Sheet (SDS). Should an SVHC be identified in our products and an SDS update is required, Celanese will include this information in the respective European Safety Data Sheet (SDS). The SDSs can be found at www.celanese.com

SELF-DECLARATION

General information on Quality Management, Environmental, Health and Safety (EHS) Management, Hygiene, Product information, Compliance, Ethics, and Sustainability is available on our Engineered Materials Quality and Certification web-page: Self-Declaration For Customers (www.celanese.com/self-declaration-for-customers)

PACKAGING (HEAVY METALS)

Our Santoprene® products by constitution do not contain the heavy metals Cadmium, Lead, Mercury and Chromium VI. Thus, they are compliant with the relevant heavy metals' requirements of the following regulations. As we do not systematically perform specific tests to verify the potential presence of heavy metals, we cannot guarantee that there are no trace amounts present as impurities.

CONEG Legislation (Coalition of North-Eastern Governors) Packaging, Packaging Waste Directive—Regulation (EU)2025/40)

In our Santoprene® products, if present at all, the total sum of concentration levels of Cadmium, Lead, Mercury and Chromium-VI is below the 100 ppm threshold.

AUTOMOTIVE

End-of-Life Vehicle (ELV) – EU Directive 2000/53/EC

In our Santoprene® products, if present at all, the concentrations of Lead, Mercury and Chromium VI do not exceed 0.1 % by weight and the concentration of Cadmium does not exceed 0.01% by weight.

GADSL (Global Automotive Declarable Substance List)

GADSL is fully incorporated into the IMDS (International Material Data System) and we would recommend that product compliance with GADSL is directly verified in IMDS.

ELECTRICAL and ELECTRONIC EQUIPMENT

Restriction of Hazardous Substances (RoHS)

In our Santoprene® products, if present at all, the concentration levels of the RoHS substances is below the reporting thresholds. Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP) – reporting threshold of 0.1% Cadmium – reporting threshold of 0.01%.

Waste Electrical and Electronic Equipment (WEEE) – EU Directive 2012/19/EC

Celanese, a manufacturer of polymer compounds does not fall under the Directive on waste electrical and electronic equipment (WEEE). However, to help economic operators in the supply chain to comply with this Directive we confirm that Santoprene® products do not contain as an intentional ingredient the materials listed in Annex VII of the Directive. There is one exception – flame retardant products can contain brominated additives. For more information, we recommend to contact your Celanese account manager.

SPECIAL SUBSTANCES

Ozone Depleting Substances (ODS)

No ozone depleting substances as defined in the Regulation (EU) 2024/590 are used in the manufacturing process of our Santoprene® products.

Persistent Organic Pollutants (POP) – Regulation (EU) 2019/1021

No substances subject to the Stockholm Convention on Persistent Organic Pollutants and defined in the Regulation (EU) 2019/1021 and its most recent amendment at the date hereof are used in the manufacturing process of our Santoprene® products.

Prior Informed Consent (PIC) – Regulation (EU) No 649/2012

No substances subject to the Rotterdam Convention on the Prior Informed Consent procedure for certain hazardous chemicals and pesticides and defined in the Regulation (EU) No 649/2012 are used in the manufacturing process of our Santoprene® products.

Often Asked Special Substances

During the manufacturing of our Santoprene® products we do not use or intentionally incorporate the substances or class of substances as listed below. This information is to the best of our knowledge and based on the information given by our raw material suppliers at the date hereof. As we do not systematically perform specific tests to verify the potential presence of these substances, we cannot guarantee that there are no trace amounts present as impurities.

Substance Name
2,4,6-Tri-tert-butylphenol
2-(2H-1,2,3-benzotriazole-2-yl)-4,6-di-tertbutylphenol
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol, UV-328
Acrylamide
Acrylonitril
Aldrin
Alkylphenol phosphites
Asbestos
Benzene
Benzophenone
Chlorinated paraffins
Chlorofluoro-carbons (CFCs)
Decabromodiphenyl Ether (DecaBDE)
DechloranePlus
Dimethylfumarate (DMF)
Fluorinated greenhouse gases (PFCs, SF6, HFCs)
Halogenated Dioxins and Furans
Hexabromocyclododecane (HBCDD)
Hexachlorobenzene
Hexachlorobuta-1,3-diene
Hexavalent chromium (Cr-VI) compounds
Hydrochloro-fluorocarbons (HCFCs)

Lead and its compounds
Lindane
Mercury and its compounds
Methyl 4-hydroxybenzoate
Mirex
N,N'-bis(2-methylphenyl)benzene-1,4-diamine
N-Nitrosamines
Organotin compounds (Dibutyltin, Tributyltin, Triphenyltin, Dioctyltin)
Pentachloro-phenol (PCP) including salts and esters of PCP
Pentachlorothiophenol
Phenol, Isopropylated Phosphate 3:1 (PIP 3:1, CAS No. 68937-41-7)
Phthalates (Bis (2-ethylhexyl)phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP))
Polybrominated biphenyls (PBBs)
Polybrominated diphenyl ethers (PBDEs)
Polychlorinated biphenyls (PCBs)
Polychlorinated naphthalenes (PCN)
Polychlorinated terphenyls (PCTs)
Polyvinyl chloride (PVC) and polyvinylidene chloride (PVDC)
Thiuram E (Disulfiram)

Volatile Organic Compounds (VOC)

Our Santoprene® products are solid polymer compounds which do not contain VOC according to the definition in the European Directive 2010/75/EC and in the Swiss regulation, SR 814.018. Residual amounts of monomers which cannot be totally avoided are very low, typically in the range of ppm. In any case the content of VOC in the above listed Celanese products is well below 3%.

FOOD SAFETY

Genetically Modified Organism (GMO)

During the manufacturing of our Santoprene® products we do not use or intentionally incorporate GMO based raw materials. This information is to the best of our knowledge and based on the information given by our raw material suppliers at the date hereof.

Food Allergens – Regulation (EC) 1169/2011

Our Santoprene® products are not intended for consumption as a food and do not fall in the scope of the Food Information to Consumers Regulation (FIC, also known as EU 1169/2011). However, to support our customers in their compliance with the rules laid down in the EU FIC regulation we confirm that to the best of our knowledge and based on the data from our raw material suppliers, the substances or products listed in EU FIC, Annex II are not used during the manufacturing process of our Santoprene® products.

RECYCLED CONTENT

Our Santoprene® ECO-R products contain certain recycled content. Should you need more information, please contact PPEMEA@celanese.com.

Other

Nanomaterials

Our Santoprene® products are in granulate form and thus not considered as nanomaterials as defined by the European Commission under Recommendation 2022/C 229/01. No material of nanoscale is added to our products for its specific nanoscale properties during the manufacturing process. Some Santoprene® products contain raw materials, e.g. pigments and fillers, which might fall under the definition proposed by the European Commission. However, they are dispersed and embedded in the polyacetal polymer matrix and thus not available anymore in nanoform.

Latex

The term latex refers to the natural rubber latex made from plant sources such as the sap of the Brazilian rubber tree (*Hevea brasiliensis*). Some synthetic rubber materials may be referred to as “latex” but they do not contain the protein of the *Hevea brasiliensis* that produces the latex allergy. During the manufacturing of our

Santoprene® products we do not use or intentionally incorporate natural rubber latex.

This statement is valid until a regulation change and for a period of one year, after which it will automatically expire and can be renewed upon request.

Celanese, Engineered Materials Product Safety.

Disclaimer/Important: This information is provided to the best of our knowledge and based on the information given by our raw material suppliers at the date hereof. It is believed accurate as the date of the document. 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. Celanese does not make any representations or warranties written, implied, or otherwise concerning the use of its products in customer applications. This information is not intended to substitute for any testing you may need to determine the suitability of this product for a particular purpose. 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. Please note that the manufacturer or seller of parts and articles made of our Celanese Engineered Materials products has to take the full responsibility regarding applicable legal requirements. Any existing intellectual property rights must be observed. The information provided here does not cover the suitability of our Celanese Engineered Materials products for Food Contact applications, medical device applications, pharmaceutical applications, cosmetic applications, drinking water applications.