

SAFETY DATA SHEET

according to the Globally Harmonized System

ELOTEX MP2701

Version 1

Revision Date 02/13/2018

Print Date 04/09/2020

REG_NA / Z8

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Information

Trade name : ELOTEX MP2701

Use of the Substance/Mixture : Specific use(s): For industrial use only.

Company : Celanese Sales US LLC
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US

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2. HAZARDS IDENTIFICATION

GHS-Classification

Not a hazardous substance or mixture.

GHS-Labeling

Not a hazardous substance or mixture.

Other hazards which do not result in classification

Risk of dust explosion.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name : Copolymer based on vinyl acetate and ethylene, with additives
Pure substance/mixture : Mixture

No hazardous ingredients

4. FIRST AID MEASURES

General advice	: No hazards which require special first aid measures. Treat symptomatically.
Inhalation	: Remove to fresh air. Keep patient warm and at rest. Rinse nose and mouth with water.
Skin contact	: Remove contaminated clothing and shoes. Rinse with water.
Eye contact	: Rinse with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
Ingestion	: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Notes to physician	
Symptoms	: No symptoms known or expected.
Treatment	: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Water mist Foam
Unsuitable extinguishing media	: Carbon dioxide (CO2) High volume water jet
Specific hazards during fire fighting / Specific hazards arising from the chemical	: Risks of ignition followed by flame propagation or secondary explosions shall be prevented by avoiding accumulation of dust, e.g. on floors and ledges.
Combustion products	: No hazardous combustion products are known
Special protective equipment for fire-fighters	: In the event of fire, wear self-contained breathing apparatus.
Further information	: Standard procedure for chemical fires.

See also Section 9. Physical and chemical properties: Safety data

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Personal precautions : Avoid dust formation.
- Emergency measures on accidental release : Follow safe handling advice and personal protective equipment recommendations.
- Environmental precautions : Try to prevent the material from entering drains or water courses.
- Methods for cleaning up /
Methods for containment : Pick up and arrange disposal without creating dust.
Sweep up and shovel.
Keep in suitable, closed containers for disposal.
- Reference to other sections : For personal protection see section 8.

For disposal considerations see section 13.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : For personal protection see section 8.
Avoid creating dust.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Smoking, eating and drinking should be prohibited in the application area.
- Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.
No sparking tools should be used.
Take measures to prevent the build up of electrostatic charge.
- Dust explosion class : St1

Storage

- Requirements for storage areas and containers : Keep in a dry place.
Store at room temperature in the original container.
Keep container tightly closed.
- Advice on common storage : No special restrictions on storage with other products.
- Other data : No decomposition if stored and applied as directed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls

Provide appropriate exhaust ventilation at places where dust is formed.

Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
In the case of dust, vapor or aerosol formation use respirator with an approved filter.
Half mask with a particle filter P2 (EN 143)
- Hand protection : For prolonged or repeated contact use protective gloves.

Protective gloves complying with EN 374.
- Eye protection : Safety glasses with side-shields conforming to EN166
- Skin and body protection : Lab coat
Remove and wash contaminated clothing before re-use.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and at the end of workday.
When using do not eat, drink or smoke.

Environmental exposure controls

- General advice : Try to prevent the material from entering drains or water courses.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

- Form : powder
- Color : white
- Odor : odorless
- Odor Threshold : No data available

Safety data

- pH : 6.5 - 8.0 at 10 % solution
- Melting point/range : Not applicable
- Boiling point/boiling range : Not applicable
- Flash point : Not applicable
- Ignition temperature : > 200 °C

Method: Auto-ignition of a dust cloud according to EN 50281-2-1

Evaporation rate	: Not applicable
Flammability (solid, gas)	: May form combustible dust concentrations in air during processing, handling or other means
Flammability (liquids)	: Not applicable
Lower explosion limit	: 15,000 mg/m ³
Upper explosion limit	: Not applicable
Vapor pressure	: Not applicable
Relative vapor density	: Not applicable
Relative density	: Not applicable
Bulk density	: 400 - 700 kg/m ³
Water solubility	: dispersible
Solubility in other solvents	: Not applicable
Partition coefficient: n-octanol/water	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, dynamic	: Not applicable
Viscosity, kinematic	: Not applicable
Dust explosion class	: St1
Explosive properties	: Dust may form explosive mixture in air.
Oxidizing properties	: Not classified as oxidizing.

This material safety datasheet only contains information relating to safety and does not replace any product information or product specification.

10. STABILITY AND REACTIVITY

Conditions to avoid	: None known.
Materials to avoid	: None known.
Hazardous decomposition products	: No hazardous decomposition products are known.

Thermal decomposition	: No data available
Reactivity	: Stable under normal conditions.
Chemical stability	: Stable under recommended storage conditions.
Hazardous reactions	: Dust may form explosive mixture in air.

11. TOXICOLOGICAL INFORMATION

Product information:

Potential Health Effects

Inhalation	: Product dust may be irritating to respiratory system.
Skin	: Product dust may be irritating to skin.
Eyes	: Product dust may be irritating to eyes.
Ingestion	: Not expected to be irritating.
Aggravated Medical Condition	: None known.
Symptoms of Overexposure	: No symptoms known or expected.

Toxicology Assessment

Further information	: No further data available.
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Test result

Acute oral toxicity	: Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
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12. ECOLOGICAL INFORMATION

Product information:

Ecotoxicology Assessment

Additional ecological information	: None known.
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Test result

Ecotoxicity effects

Toxicity to fish	: No data available
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Elimination information (persistence and degradability)

Bioaccumulation : Bioaccumulation is unlikely.

Mobility : No data available

Biodegradability : Result: Not readily biodegradable.

Further information on ecology

Biochemical Oxygen Demand (BOD) : No data available

13. DISPOSAL CONSIDERATIONS

Product : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of contents/container in accordance with local regulation.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION**International Regulations****ADR**

Not regulated as a dangerous good

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Further information for transport

Not classified as dangerous in the meaning of transport regulations.

Land transport

Not regulated as a dangerous good

15. REGULATORY INFORMATION**Notification status**

EINECS : YES. On the inventory, or in compliance with the inventory
AICS : YES. On the inventory, or in compliance with the inventory
DSL : YES. On the inventory, or in compliance with the inventory
IECSC : YES. On the inventory, or in compliance with the inventory
ENCS : YES. On the inventory, or in compliance with the inventory
KECI : YES. On the inventory, or in compliance with the inventory
NZIoC : YES. On the inventory, or in compliance with the inventory
PICCS : YES. On the inventory, or in compliance with the inventory
CH INV : YES. The mixture contains a polymer. The monomers for this polymer have been notified.
TSCA : YES. On the inventory, or in compliance with the inventory

For explanation of abbreviations, see section 16.

Further information : none

16. OTHER INFORMATION**Full text of other abbreviations**

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United

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States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Further information

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
