

# SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



## CELSTRAN® PP-GF50-0453 P10/10 BLK

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: -           |
| 1.1     | 2023/01/27     | 000000036279 | Date of first issue: 2019/05/06 |

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : CELSTRAN® PP-GF50-0453 P10/10 BLK

Product code : 000000000021007058

#### Manufacturer or supplier's details

Company : Celanese (Shanghai) International Trading Co., Ltd  
赛拉尼斯(上海)国际贸易有限公司

Address : 4560 Jinke Road, Zhangjiang, Pudong  
Shanghai, China 201210

Telephone : 86-21-38619288

Emergency telephone number : CHEMTREC International phone number: +1-703-527 3887,  
+86 532 8388-9090 (China, 24h)

E-mail address : HazCom@celanese.com

#### Recommended use of the chemical and restrictions on use

Recommended use : Plastic processing industry

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

|            |           |
|------------|-----------|
| Appearance | : pellets |
| Odour      | : slight  |

Not a hazardous substance or mixture.

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### Physical and chemical hazards

Not classified based on available information.

#### Health hazards

Not classified based on available information.

#### Environmental hazards

Not classified based on available information.

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### Other hazards which do not result in classification

None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

| Chemical name           | CAS-No.    | Concentration (% w/w) |
|-------------------------|------------|-----------------------|
| glass, oxide, chemicals | 65997-17-3 | >= 30 -< 50           |
| Polypropylene           | 9003-07-0  | >= 30 -< 50           |

## 4. FIRST AID MEASURES

|                                                             |                                                                                                                                                                                 |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice                                              | : Do not leave the victim unattended.                                                                                                                                           |
| If inhaled                                                  | : If unconscious, place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.                                                                 |
| In case of skin contact                                     | : Cool skin rapidly with cold water after contact with molten material.<br>Do not peel solidified product off the skin.<br>Burns must be treated by a physician.                |
| In case of eye contact                                      | : Remove contact lenses.<br>Protect unharmed eye.<br>If eye irritation persists, consult a specialist.                                                                          |
| If swallowed                                                | : Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician. |
| Most important symptoms and effects, both acute and delayed | : None known.                                                                                                                                                                   |
| Notes to physician                                          | : Treat symptomatically.                                                                                                                                                        |

## 5. FIREFIGHTING MEASURES

|                                      |                                                                      |
|--------------------------------------|----------------------------------------------------------------------|
| Suitable extinguishing media         | : Water<br>Foam<br>Dry chemical<br>Carbon dioxide (CO2)              |
| Specific hazards during firefighting | : Do not use a solid water stream as it may scatter and spread fire. |

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|                                               |                                                                                                                                                     |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazardous combustion products                 | : Carbon oxides                                                                                                                                     |
| Specific extinguishing methods                | : Standard procedure for chemical fires.<br>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Special protective equipment for firefighters | : Wear self-contained breathing apparatus for firefighting if necessary.                                                                            |

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### 6. ACCIDENTAL RELEASE MEASURES

|                                                                     |                                                                                                                                    |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | : Avoid breathing dust.<br>Ensure adequate ventilation.<br>Avoid dust formation.                                                   |
| Environmental precautions                                           | : No special environmental precautions required.                                                                                   |
| Methods and materials for containment and cleaning up               | : Pick up and arrange disposal without creating dust.<br>Sweep up and shovel.<br>Keep in suitable, closed containers for disposal. |

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### 7. HANDLING AND STORAGE

#### Handling

|                                                 |                                                                                                                                                                          |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice on protection against fire and explosion | : During processing, dust may form explosive mixture in air.<br><br>Provide appropriate exhaust ventilation at places where dust is formed.                              |
| Advice on safe handling                         | : Minimize dust generation and accumulation.<br><br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area. |
| Avoidance of contact                            | : Not applicable                                                                                                                                                         |

#### Storage

|                             |                                                                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conditions for safe storage | : Keep in a dry, cool place.<br>Maintain dryness of resin<br><br>Electrical installations / working materials must comply with the technological safety standards. |
| Materials to avoid          | : No materials to be especially mentioned.                                                                                                                         |
| Further information on      | : No decomposition if stored and applied as directed.                                                                                                              |

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storage stability

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

| Components              | CAS-No.    | Value type<br>(Form of exposure)   | Control parameters /<br>Permissible concentration | Basis  |
|-------------------------|------------|------------------------------------|---------------------------------------------------|--------|
| glass, oxide, chemicals | 65997-17-3 | TWA (fibres)                       | 1 fibres per cubic centimeter                     | ACGIH  |
|                         |            | TWA (Inhalable particulate matter) | 5 mg/m3                                           | ACGIH  |
|                         |            | TWA (fibres)                       | 1 fibres per cubic centimeter                     | ACGIH  |
|                         |            | TWA (fibres)                       | 1 fibres per cubic centimeter                     | ACGIH  |
| Polypropylene           | 9003-07-0  | PC-TWA (Total dust)                | 5 mg/m3                                           | CN OEL |

**Engineering measures** : Local exhaust

#### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Eye/face protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : General industrial hygiene practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : pellets

Odour : slight

Melting point/range : For further information, refer to the product technical data sheet.

Flash point : Not applicable

Density : For further information, refer to the product technical data sheet.

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ca. 1.05 - 1.5 g/cm<sup>3</sup> (20 °C)

### Solubility(ies)

Water solubility : insoluble

Auto-ignition temperature : For further information, refer to the product technical data sheet.

## 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : Stable under recommended storage conditions.  
No hazards to be specially mentioned.  
Dust may form explosive mixture in air.

Conditions to avoid : No data available

Incompatible materials : Not applicable

Hazardous decomposition products : No data available

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Not classified based on available information.

### Skin corrosion/irritation

Not classified based on available information.

### Serious eye damage/eye irritation

Not classified based on available information.

### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.

#### Respiratory sensitisation

Not classified based on available information.

### Germ cell mutagenicity

Not classified based on available information.

### Carcinogenicity

Not classified based on available information.

### Reproductive toxicity

Not classified based on available information.

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### STOT - single exposure

Not classified based on available information.

### STOT - repeated exposure

Not classified based on available information.

### Aspiration toxicity

Not classified based on available information.

### Further information

#### Product:

Remarks : No data available

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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Results of PBT and vPvB assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Additional ecological information : No data available

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## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Where possible recycling is preferred to disposal or incineration.  
Dispose of in accordance with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

|                      |                  |
|----------------------|------------------|
| UN number            | : Not applicable |
| Proper shipping name | : Not applicable |
| Class                | : Not applicable |
| Subsidiary risk      | : Not applicable |
| Packing group        | : Not applicable |
| Labels               | : Not applicable |

##### IATA-DGR

|                                          |                  |
|------------------------------------------|------------------|
| UN/ID No.                                | : Not applicable |
| Proper shipping name                     | : Not applicable |
| Class                                    | : Not applicable |
| Subsidiary risk                          | : Not applicable |
| Packing group                            | : Not applicable |
| Labels                                   | : Not applicable |
| Packing instruction (cargo aircraft)     | : Not applicable |
| Packing instruction (passenger aircraft) | : Not applicable |

##### IMDG-Code

|                      |                  |
|----------------------|------------------|
| UN number            | : Not applicable |
| Proper shipping name | : Not applicable |
| Class                | : Not applicable |
| Subsidiary risk      | : Not applicable |
| Packing group        | : Not applicable |
| Labels               | : Not applicable |
| EmS Code             | : Not applicable |
| Marine pollutant     | : Not applicable |

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

Not applicable for product as supplied.

#### National Regulations

##### GB 6944/12268

|                      |                  |
|----------------------|------------------|
| UN number            | : Not applicable |
| Proper shipping name | : Not applicable |
| Class                | : Not applicable |
| Subsidiary risk      | : Not applicable |
| Packing group        | : Not applicable |
| Labels               | : Not applicable |

#### Special precautions for user

Not applicable

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### 15. REGULATORY INFORMATION

#### National regulatory information

Law on the Prevention and Control of Occupational Diseases

### 16. OTHER INFORMATION

Date format : yyyy/mm/dd

#### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
CN OEL : Occupational exposure limits for hazardous agents in the workplace - Chemical hazardous agents.

ACGIH / TWA : 8-hour, time-weighted average  
CN OEL / PC-TWA : Permissible concentration - time weighted average

AIIC - Australian Inventory of Industrial Chemicals; 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; 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; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United 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

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### Disclaimer

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