

# MATERIAL SAFETY DATA SHEET

Version1.5

Date of last alteration:02/14/2025

## 1. Chemical Product and Company Identification

Product Name : Polypropylene Fiber  
Other name : PP Fiber  
Recommended Uses : Drymix mortar, Plaster, Concrete etc  
Manufacturer : Shandong Charing Industry Co.,Ltd  
Address : ROOM 1402,ZONE 17 AND 18, NO.19BUILDING, LUNENG  
LINGXIUCHENG, JINAN CITY, SHANDONG PROVINCE,CHINA  
Post Code : 250000  
TEL : +86-131-7667-0070  
E-mail : sdcharing@sdcharing.com

## 2. Hazards Identification

GHS Classification : None  
GHS Classification elements : None  
Other hazards : None

## 3. Composition, Information on Ingredients

Chemical characterization (preparation) : It is a fiber form additives

Main ingredient	Composition	CAS NO.
Polypropylene Fiber	100%	9003-07-0

## 4. First Aid Measures

### 4.1 Description of first aid measures

#### General information:

Under ordinary workplace conditions : No special measures required.

#### After inhalation:

Provide fresh air.

#### After contact with the skin:

Wash with plenty of water or water and soap.

#### After contact with the eyes:

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

#### After swallowing:

If conscious, give several small portions of water to drink. Do not induce vomiting. In cases of sickness seek medical advice (show label if possible).

### 4.2 Most important symptoms and effects, both acute and delayed

Any relevant information can be found in other parts of this section.

### 4.3 Indication of any immediate medical attention and special treatment needed

Due to its physical properties, may cause mechanical irritation. Product may agglutinate in the gastro-intestinal tract. Medical assistance should be sought. Depending on the symptoms, invasive measures may be necessary.

## 5. Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media:

Water spray, water mist, extinguishing powder, foam, carbon dioxide.

#### Extinguishing media which must not be used for safety reasons

: water jet.

### 5.2 Special hazards arising from the substance or mixture At low oxygen level

: acetic acid

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### 5.3 Advice for firefighters

#### Special protective equipment for fire fighting:

Use respiratory protection independent of recirculated air.

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Do not breathe dust.

### 6.2 Environmental precautions

Cover any spilled material in accordance with regulations to prevent dispersal by wind.

### 6.3 Methods and material for containment and cleaning up

Take up mechanically and dispose of according to local/state/federal regulations.

#### Further information:

Eliminate all sources of ignition. Observe notes under 7.

### 6.4 Reference to other sections

Relevant information in other sections have to be considered. This applies in particular for information given on personal protective equipment (8.) and on disposal (13.).

## 7. Handling and storage

### 7.1 Precautions for safe handling

#### Precautions for safe handling:

Avoid dust formation.

#### Precautions against fire and explosion:

Avoid formation of dust - dust may form explosive mixture with air. Avoid dust deposit, remove dust regularly. Take precautionary measures against electrostatic charging. Keep away from open flames, heat and sparks.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Conditions for storage rooms and vessels:

Observe precautionary measures against dust explosion.

**Advice for storage of incompatible materials** : Not applicable

**Further information for storage** : Not applicable

### 7.3 Specific end use(s)

No data are available.

## 8. Exposure controls/personal protection

### 8.1 Control parameters

### 8.2 Exposure controls

#### 8.2.1 Exposure in the work place limited and controlled

##### General protection and hygiene measures:

Do not breathe dust. Do not eat, drink or smoke when handling.

##### Personal protection equipment:

###### Respiratory protection

In case of dust formation: fine dust mask without protection rating.

###### Hand protection

Recommendation: rubber gloves.

###### Eye protection

Recommendation in case of dust formation: tight fitting protective goggles.

#### 8.2.2 Exposure to the environment limited and controlled

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Only introduce into water purification plants in diluted state. Do not introduce large amounts into purification plants.

## 8.3 Further information for system design and engineering measures

Observe regulations for protection against explosion.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General information:

Colour : white  
Odour : odourless

#### Important information about the protection of health, safety and the environment:

#### Property:

Melting point / melting range : 160-180℃  
Tensile strength : 560 Mpa  
Elastic modulus : >3500  
Flash point : not applicable  
Fiber length : 6mm, 9mm, 12mm, 18mm  
Moisture : < 5.0%

## 10. Stability and reactivity

### 10.1-3 Reactivity; Chemical stability; Possibility of hazardous reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.  
Relevant information can possibly be found in other parts of this section.

### 10.4 Conditions to avoid

none known.

### 10.5 Incompatible materials

none known.

### 10.6 Hazardous decomposition products

If stored and handled properly: none known. At increased temperature : acetic acid

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### 11.1.1 Acute toxicity

##### Assessment:

Based on the available data acute toxic effects are not expected after single oral exposure.

#### 11.1.2 Skin corrosion/irritation

##### Assessment:

Based on the available data a clinically relevant skin irritation hazard is not expected.

#### 11.1.3 Serious eye damage / eye irritation

##### Assessment:

Based on the available data a clinically relevant eye irritation hazard is not expected.

#### 11.1.4 Respiratory or skin sensitization

##### Assessment:

Based on the available data a sensitization reaction is not expected from this product.

#### 11.1.5 Germ cell mutagenicity

##### Assessment:

Based on known data a significant mutagenic potential may be excluded.

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## 11.1.6 Carcinogenicity

### Assessment:

For this endpoint no toxicological test data is available for the whole product.

## 11.1.7 Reproductive toxicity

### Assessment:

For this endpoint no toxicological test data is available for the whole product.

## 11.1.8 Specific target organ toxicity (single exposure)

### Assessment:

For this endpoint no toxicological test data is available for the whole product.

## 11.1.9 Specific target organ toxicity (repeated exposure)

### Assessment:

For this endpoint no toxicological test data is available for the whole product.

## 11.1.10 Aspiration hazard

### Assessment:

For this endpoint no toxicological test data is available for the whole product.

## 11.1.11 Further toxicological information

During manufacture and use: No information on damage to health. Remark for the listed toxicological data: Evaluation in analogy to similar product.

## 12. Ecological Information

**Ecological Toxicity** : Not available

**Persistence and degradability** : Not available

**Mobility in soil** : Not available

## 13. Disposal considerations

### 13.1 Waste treatment methods

#### 13.1.1 Material

Recommendation:

Can be disposed of as household waste. Local legislation must be observed.

#### 13.1.2 Uncleaned packaging

Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully).

Containers may be recycled or re-used.

Observe local/state/federal regulations.

Recommended cleaning agent : water

## 14. Transport information

### 14.1-4 UN number; UN proper shipping name; Transport hazard class(es); Packing group

#### Road ADR:

Valuation : Not regulated for transport

#### Railway RID:

Valuation : Not regulated for transport

#### Transport by sea IMDG-Code:

Valuation : Not regulated for transport

#### Air transport ICAO-TI/IATA-DGR:

Valuation : Not regulated for transport

### 14.5 Environmental hazards

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Hazardous to the environment : no

### 14.6 Special precautions for user

Relevant information in other sections have to be considered.

## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National and local regulations must be observed.

### 15.2 Other international regulations

#### Details of international registration status:

Listed on or in accordance with the following inventories:

EINECS	- Europe
ECL	- Korea
ENCS	- Japan
AICS	- Australia
IECSC	- China
DSL	- Canada
PICCS	- Philippines
TSCA	- USA

## 16. Other information

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

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