

Material Safety Data Sheet (MSDS)

According to Commission Regulation (EU) No 453/2010

Printing date 08.10.2018

Version number 1.2

Revision date 08.10.2018

1 SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier

· **Product name:** PTFE powder

· **CAS number:**

9002-84-0

· **Registration number:** No registration number is given yet for this product.

· 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Used for sealing, gasket and other semi-finished products.

Uses advised against: No information available.

· 1.3 Details of the supplier of the safety data sheet

Manufacturer: YANGZHONG HAITENG FLUORINE PLASTIC PRODUCT FACTORY.

Address: NO 12 ZHONGLIN VILLAGE, SANMAO TOWN, YANGZHONG CITY, JIANGSU, CHINA.

E-mail: jiming@nylon-ptfe.com

Telephone: +86-511-88358231

Fax: +86-511-88358251

Postcode: 212200

· **1.4 Emergency telephone number** +86-511-88358231

2 SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· **Classification according to Regulation (EC) No 1272/2008 [CLP]**

The product is not classified as dangerous.

· **Classification according to Directive 67/548/EEC [DSD] or Directive 1999/45/EC [DPD]**

The product is not classified as dangerous.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

· 2.2 Label elements

· **Labelling according to Regulation (EC) No 1272/2008 [CLP]** Void

· **Hazard pictogram(s):** Void

· **Signal word:** Void

· **Hazard statement(s):** Void

· **Precautionary statements:** Void

· **2.3 Other hazards** No information available.

· **Results of PBT and vPvB assessment:**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

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3 SECTION 3: Composition/information on ingredients

· 3.1 Chemical characterization: Substances

· Description:

9002-84-0 Polytetrafluoroethylene >99%

4 SECTION 4: First aid measures

· 4.1 Description of first aid measures

· **General information:** In all cases of doubt, seek medical attention.

· Following inhalation:

Inhalation is unlikely under normal conditions. If inhaled dusts or fumes, remove the victim to fresh air.

· **Following skin contact:** Generally the product does not irritate the skin. Get medical attention if irritation persists.

· **Following eye contact:** Flush well with running water. Get medical attention if irritation persists.

· **Following ingestion:** Ingestion is unlikely under normal conditions. If ingested, seek medical attention.

· **Information for doctor:** Treat symptomatically and supportively.

· **4.2 Most important symptoms and effects, both acute and delayed** No information available.

· **4.3 Indication of any immediate medical attention and special treatment needed** No information available.

5 SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents:

This product is not flammable. Use fire extinguishing methods suitable to surrounding conditions.

· **Unsuitable extinguishing agents:** No information available.

· 5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating or toxic gases/vapors: carbon oxides, fluoride compounds.

· 5.3 Advice for firefighters

· **Protective equipment:** Wear self-contained respiratory protective device.

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6 SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Refer to Section 8 for personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.

· 6.2 Environmental precautions

Do not allow entering sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up

Pick up mechanically. Sweep up and shovel. Keep in suitable, closed containers for disposal.

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 SECTION 7: Handling and storage

· 7.1 Handling

Handle in accordance with good industrial hygiene and safety practice. Use this material with adequate ventilation. Keep away from heat, sparks, open flame, and hot surfaces - No smoking. Wash thoroughly after handling.

· Information about fire - and explosion protection:

No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities

Store in cool, dry and well-ventilated place. Store away from incompatible materials.

· 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 SECTION 8: Exposure controls/personal protection

· Information about design of technical facilities:

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

Not required.

· DNELs

No information available.

· PNECs

No information available.

· Additional information:

The lists valid during the making were used as basis.

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- **8.2 Exposure controls**
- **Appropriate engineering controls:** Provide local exhaust or process enclosure ventilation system.
- **Respiratory protection:** In case of inadequate ventilation wear respiratory protection.
- **Skin protection:** Not required.
- **Eye and face protection:** Not required.
- **Body protection:** Protective work clothing

9 SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information:

- | | |
|----------------------|-----------------|
| · Appearance: | Solid |
| · Colour: | Not determined. |
| · Odour: | Not determined |

- | | |
|---------------------------------------|-----------------|
| · pH-value: | Not applicable. |
| · Melting point/Melting range: | Not determined. |
| · Boiling point/Boiling range: | 390°C |

- | | |
|-----------------------|-------|
| · Flash point: | 280°C |
|-----------------------|-------|

- | | |
|---|---------------------------|
| · Flammability (solid, gaseous): | Product is not flammable. |
|---|---------------------------|

- | | |
|-------------------------------------|-----------------|
| · Auto-Ignition temperature: | Not determined. |
|-------------------------------------|-----------------|

- | | |
|-------------------------------------|-----------------|
| · Decomposition temperature: | Not determined. |
|-------------------------------------|-----------------|

- | | |
|-------------------------|-----------------|
| · Self-igniting: | Not determined. |
|-------------------------|-----------------|

- | | |
|-------------------------------|---|
| · Danger of explosion: | Product does not present an explosion hazard. |
|-------------------------------|---|

- | | |
|-------------------|-----------------------------|
| · Density: | 2,14-2,20 g/cm ³ |
|-------------------|-----------------------------|

- | | |
|----------------------------|-----------------|
| · Relative density: | Not determined. |
|----------------------------|-----------------|

- | | |
|--------------------------|-----------------|
| · Vapour density: | Not applicable. |
|--------------------------|-----------------|

· Solubility in/Miscibility with:

- | | |
|-----------------|-----------------|
| · Water: | Not determined. |
|-----------------|-----------------|

- | | |
|---|-----------------|
| · Partition coefficient (n-octanol/water): | Not determined. |
|---|-----------------|

- | | |
|-------------------------------------|--|
| · 9.2 Additional information | No further relevant information available. |
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10 SECTION 10: Stability and reactivity

- **10.1 Reactivity** Stable under recommended storage and handling conditions (see section 7, handling and storage).
- **10.2 Chemical stability** Stable under normal conditions of use, storage and transport.
- **Thermal decomposition/conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** The substance can react dangerously with: fluorine, oxygen.
- **10.4 Conditions to avoid**
Flames, sparks, and other sources of ignition.
Incompatible materials.
- **10.5 Incompatible materials** Incompatible materials.
- **10.6 Hazardous decomposition products** Hydrogen fluoride, Carbon monoxide, Carbon dioxide.

11 SECTION 11: Toxicological information

- **Acute toxicity:** No data available.
- **Skin corrosion/irritation:** No information available.
- **Serious eye damage/irritation:** No information available.
- **Respiratory or skin sensitization:** No information available.
- **Specific target organ system toxicity:** No information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):** No information available.

12 SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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- **12.6 Other adverse effects** No information available.

13 SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**
Smaller quantities can be disposed of with household waste. Dispose in accordance with all applicable state/regional and local laws and regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 SECTION 14: Transport information

- **14.1 Land transport**
- **ADR/RID class:** Not regulated.
- **UN-Number:** Not applicable.
- **14.2 Maritime transport**
- **IMDG Class:** Not regulated.
- **UN Number:** Not applicable.
- **Marine pollutant:** No
- **14.3 Air transport**
- **ICAO/IATA Class:** Not regulated.
- **UN/ID Number:** Not applicable.
- **14.4 Environmental hazards:** Not applicable.
- **14.5 Special precautions for user** Not applicable.
- **14.6 Transport/Additional information:** Not dangerous according to the above specifications.

15 SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
EU Regulation:
Authorisations: No information available.
Restrictions on use: No information available.
EINECS: The substance is not listed in.

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<i>CAS No.</i>	<i>USA TSCA</i>	<i>Canada DSL</i>	<i>Australia AICS</i>	<i>Korea ECL</i>	<i>Japan ENCS</i>	<i>EU EINECS</i>	<i>China IECSC</i>
9002-88-4	Listed	Listed	Listed	Listed	Listed	Not listed	Listed

· **15.2 Chemical safety assessment** A Chemical Safety Assessment has not been carried out.

16 SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases:** Not applicable.
- **Training hints:** Provide adequate information, instruction and training for operators.

· **Department issuing SDS:** Centre Testing International

· **Contact us:** REACH@cti-cert.com

· **Date issuing SDS:** October 08, 2018

· **Abbreviations and acronyms:**

TSCA: American Toxic Substances Control Act

AICS: Australian Inventory of Chemical Substances

DSL/NDSL: Canadian Domestic Substances List/Non-Domestic Substances List

ELINCS: European List of Notified Chemical Substances

ENCS: Japanese Existing and New Chemical Substances List

ECL: Korean Existing Chemicals List

IECSC: Chinese Inventory of Existing Chemical Substances

· **Sources:**

GESTIS-database: Information system on hazardous substances of the German Social Accident Insurance.

Provided by company