
Material Safety Data Sheet

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Date: JULY 27, 2020

1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: TPU Hot Melt Powder
Other Names: Thermoplastic Polyurethane Elastomer
Company: Dimix BV

2 - COMPOSITION / INFORMATION ON INGREDIENTS

Thermoplastic Polyurethane Elastomer: 100%
Percentage of hazardous substances: /

3 - HAZARDS IDENTIFICATION

Emergency Overview

Appearance

Form: Solid Powder

Color: Colorless

Odor: Odorless

Hazard Summary CAUTION ! INHALATION OF VAPOR OR MIST CAN CAUSE HEADACHE, NAUSEA AND IRRITATION OF THE NOSE, THROAT AND LUNGS. MAY CAUSE EYE/SKIN IRRITATION

Potential Health Effects

Primary Routes of Entry: Inhalation
Eye contact
Skin contact

Eyes: Direct contact with material can cause the following:
Slight irritation

Skin: Prolonged or repeated skin contact can cause the following:
Slight irritation

Inhalation: Inhalation of vapor or mist can cause the following:
Irritation of nose, throat and lungs
Headache
Nausea

Chronic exposure: Prolonged or repeated overexposure can cause the following:
Lung irritation

Ingestion: Mistaken ingestion can cause the following:
Upset of stomach
Nausea
Diarrhea

4 - FIRST AID MEASURES

Inhalation: no health hazards

Skin contact: no health hazards

Eye contact: Rinse with plenty of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

Ingestion: Seek medical advice and attention if stomach continues to be upset.

5 - FIRE-FIGHTING MEASURES

Extinguishing Media: carbon dioxide, chemical powder, anti foaming foam and water spray.

Fire Fighting: No special fire fighting procedures are required other than breathing apparatus. No special hazards that may be encountered during fire fighting.

Special protective equipment for firefighters: None

Eyes: wear eye mask or mask

Breathing: generally not needed, or use breathing apparatus to avoid inhalation of gas.

6 -ACCIDENTAL RELEASE MEASURES

Personal precautions: no need

Environmental precautions: no need

Cleaning method: such as general garbage treatment

Do not dispose of waste to the sewer.

Wash hands with soap and water.

7 -HANDLING AND STORAGE

Disposal: no ventilation required. Avoid contact with eyes. Wash hands thoroughly after handling.

Storage: it should be stored in a dry place without sunlight to avoid humidity.

Storage Precautions: keep out of the reach of children and do not swallow.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: N.A.

Personal Protective Equipment:

·Respiratory protection: not required

·Hand protection: not required

·Eye protection: not required

·Skin and body protection: not required

Hygiene measures: wash hands and face with soap before eating

9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:Solid

Appearance: Fine Particles

Color: Transparent

Odor: odorless

PH value: N.A.

Boiling Point: N.A.

Melting Point: 110-180 °C

Flash point: N.A.

Autoignition temperature: N.A.

Explosion limit: N.A.

Specific gravity: 1.00 - 1.4@ 23 °C (H₂O=1)

Solubility: Insoluble

10 - STABILITY AND RBACTIVITY

Chemical Stability: excellent stable under normal temperature and pressure.

Possible hazardous reactions under special conditions: None

Conditions to Avoid: None

Conditions to Substance: None

Hazardous decomposition products: None

11 - TOXICOLOGICAL INFORMATION

Acute Health Hazards: Overexposure of eye surface to powder may be mildly irritating.
Intentional or accidental oral ingestion may cause an upset stomach

Chronic Health Hazards: No available data

Carcinogenicity: No available data

12 - ECOLOGICAL INFORMATION

There is no data available for this product.

13 - DISPOSAL CONSIDERATIONS

Waste disposal method: such as general waste treatment, because it can be gradually decomposed over time. Treat or dispose of waste in accordance with federal, state, and local requirements.

14 - TRANSPORT INFORMATION

● International Shipping Regulations: --
● UN No.: --
● Domestic delivery regulations: --
● Transportation hazard classificatio: --
● Packing category: --
● Marine pollutants (yes / no): No
● Special delivery methods and precautions: --

15 - REGULATORY INFORMATION

The following laws, regulations and standards stipulate the safe use, storage, transportation, handling, classification and marking of chemicals:

- 1.Safe Production Law of the People's Republic of China
 - 2.Law of the Pelple's Republic of China on the Prevention and Control of Occupation Diseases
 - 3.Environmental protection law of the people's Republic of China
 4. Regulations on safety management of hazardous chemicals
 5. General rules for classification and hazard publicity of chemicals
 6. General rules for storage of common dangerous chemicals
 7. Regulations on the safe use of chemicals in the workplace
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16 - OTHER INFORMATION

Date of preparation: July 27, 2020.

This SDS is prepared in accordance with the content and project sequence of the chemical safety technical specification (GB / t16483-2008). In the above data, the symbol "2" means that there is no relevant data at present, and the symbol "/" means that this field is not applicable to the substance. This version of SDS is for reference only.