

Material Safety Data Sheet

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|-------------------|---------------|----------|
| Polyurethane(TPU) | Version | 1 |
| | Revision date | 25/08/20 |
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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product Information

Item Name : Hot Melt Powder : 1kg, 1lb, 20kg, 25kg

CAS No. : 9008-54-5

Company Information

<https://dtfstation.com/pages/contact-us>

tech.dtfstation@gmail.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature

Polyurethane

Other Information

The base materials of the polymer are included in the EINECS Inventory.

This sheet describes a group of products. It only contains safety-relevant data.

For specific data, see product Information sheet.

3. HAZARDS IDENTIFICATION

None

4. FIRST AID MEASURES

General advice

No special measures required.

5. FIRE-FIGHTING MEASURES

Fumes from complete or incomplete combustion of this material may include carbon dioxide, carbon monoxide and water vapour.

Human protective equipment

Respirator fitted with high efficiency particulate filter and organic vapour cartridge is used

Suitable extinguishing media in

water spray, foam, CO₂, carbon dioxide, dry powder

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : None

Method for cleaning up : Use mechanical handling equipment

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7. HANDLING AND STORAGE

Handling : Wear adequate breathing apparatus to avoid inhaling. Good ventilation system should be applied in working place.
 Local safety regulations should be followed when handling in special occasions.
 Storage : Keep in dry and low temperature place with well-closed containers.
 Away from Heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Personal protective equipment : No required

Engineering measures

In case of dust being formed, provide for adequate extraction.
 In case of thermal processing, provide for extraction of the vapors or adequate ventetion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form solid pellets or powders under room temperature
 Color transparent
 Odor odorless

Safety data

pH not applicable
 Melting point / range 95- 105 °C(DSC)
 Boiling point / range not applicable
 Flash point not applicable
 Ignition temperature >350°C
 Method DIN 51 974
 Vapor pressure not applicable
 Density 1.12g/cm3 (20°C)
 Water solubility Insoluble

Further information The range of values given profiles with the variation range of the product group.
 The specific physical chemical data can be read in the product information

10. STABILITY AND REACTIVITY

Thermal decomposition >350°C
 Hazardous reactions No dangerous reactions known

11. TOXICOLOGICAL INFORMATION

No harmful effects have become known as yet.

