

sample information:

Sample name: hot melt adhesive powder

Model: no

Sample ingredients/raw materials (provided by customer): see the third part of the report text "Ingredients/Information on Ingredients"

Editorial cycle: January 9, 2023 to January 18, 2023

required service

Prepare safety data sheet (MSDS) according to the sample information provided by the customer

Abstract :

to the client's requirements, the content and format of this Safety Data Sheet is compiled according to the 9th edition of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). For details, please refer to the attached text of the report.

Issued by:



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Chemical Safety Data Sheet

(MSDS)

Prepared in accordance with the ninth edition of GHS

1. Chemicals and corporate identification

1.1 Product identification

product name: hot malt powder
Product number: No
Product Description: white powder, slight odor

1.2 Recommended uses and restricted uses of the product

Recommended use: no data available
Restricted use: no data available

2. Hazards overview

2.1 Hazard classes

This product is not classified according to the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) as it presents no significant hazard to health or the environment.

2.2 Label elements, including precautionary statements

Pictograms: No Hazard Pictogram
Warning words: no warning word
Hazard information: no hazard information
Precautionary statements: no precautionary statements

2.3 Other hazard statements not classified

No relevant information.

3. INGREDIENTS/INFORMATION ON INGREDIENTS

Product Description: Substance (); Preparation (): Article (V)

Ingredient name	CAS accession number	weight percentage (%)
Polyurethane (TPU)	9009-54-5	100%

Abbreviation: CAS: Chemical Abstracts Accession Number

4. First aid measures

4.1 Description of first aid measures:

Eye Contact: Rinse cautiously with water for several minutes. If it is convenient and easy to operate, remove the contact lens. Continue to wash. In case of eye irritation: Get medical advice/attention.

Skin contact: Remove/Take off all contaminated clothing. Wash with soap and water. In case of skin irritation or rash: Get medical advice/attention.

Inhalation: Remove victim to fresh air, keep breathing open, and rest. Get medical attention if you feel unwell. **Ingestion:**

If swallowed: Rinse mouth with water. If unwell, consult a physician.

4.2 Most important symptoms and effects, health: See Section 11 for the most important symptoms and effects.

4.3 Instructions for immediate medical attention and special treatment needed: Prescribe the right medicine. Effective treatment according to symptoms.

5. Firefighting measures

5.1 Fire extinguishing method and fire extinguishing agent:

Suitable Extinguishing Equipment: Use water, foam, carbon dioxide, sand to extinguish fire.

Unsuitable fire extinguishing equipment: No information available.

5.2 Special hazards arising from the substance or mixture:

See Section 9 for explosive, highly toxic, gases.

5.3 Protective equipment for firefighters:

Wear self-contained breathing apparatus and full protective gear. Fight fire upwind. Do not breathe gas or mist, cool containers with water mist, and remove unopened containers from fire in time.

5.4 Further information:

Cool unopened containers exposed to fire with water spray. Keep contaminated firefighting water out of sewers and water supplies.

6. ACCIDENTAL RELEASE MEASURES

For guidance on the selection of personal protective equipment, see Section 8 of the Safety Data Sheet. Regarding disposal information, local and international regulations.

See Section 13. Please follow all applicable

6.1 Operator protection measures, protective equipment and emergency procedures:

Ensure adequate ventilation. Fire sources near Yishan. Evacuate personnel to a safe area.

6.2 Environmental protection measures:

Take measures to prevent further leakage or spillage if safe to do so. Avoid discharge into the surrounding environment.

6.3 Containment and removal methods of leaked chemicals and disposal materials used:

Collect solid residue and place in suitable container for disposal according to local regulations (see section 13).

7. HANDLING AND STORAGE**7.1 Handling:**

Do not eat, drink or smoke during handling. Protect container from physical damage. Keep away from fire and heat sources.

7.2 Storage:**Conditions for safe storage:**

Store in a cool, ventilated warehouse. Keep container tightly closed, away from fire and heat sources. The storage area should be equipped with leakage emergency/treatment equipment and suitable containment materials.

Incompatibilities: strong acids, strong bases, strong oxidizing substances.

8. Exposure controls and personal protection**8.1 Occupational Exposure Limits:**

no data.

8.2 Exposure controls

Engineering Controls: Provide local exhaust.

Personal protective equipment:**Respiratory protection:**

For normal contact, no special protective measures are required. According to the working environment, choose an appropriate filter respirator.

Eye Protection:

For normal contact, no special protective measures are required. When there is a risk of overexposure, wear protective glasses.

body protection:

For normal contact, no special protective measures are required, wear work clothes.

Hand protection:

For normal contact, no special protective measures are required. Wear safety gloves.

General protective and hygiene measures:

Wash hands with soap and water after use to keep the workplace clean. Pay attention to personal hygiene. In accordance with good industrial hygiene and Operate with safe practices.

9. Physical and chemical properties**Basic information**

form	powder
color	White
odor	slightly smelly
pH value	no data
Melting point/melting point range	no data

Boiling point/boiling point range	no data
Flash point	no data
Combustion and explosion limit value - lower limit volume percentage %	no data
Combustion and explosion limit value upper limit volume percentage %	no data
Relative density (water=1)	no data
Vapor Pressure	no data
vapor density	no data
Solubility	no data
n-octanol/water partition coefficient	no data
ignition temperature	no data
decomposition temperature	no data
odor threshold	no data
evaporation rate	no data
viscosity	no data
Flammability (solid, gas)	no data

10. Stability and reactivity

10.1 Stability: The product is stable under normal use and storage conditions.

10.2 Hazardous reactions: No known hazardous reactions under normal use.

10.3 Conditions to avoid: High temperature, heat sources, ignition sources.

10.4 Incompatible substances: strong acid, strong base, strong oxidizing agent.

10.5 Hazardous decomposition products: No information available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	No related category.
Skin Corrosion/Irritation:	No related category.
Eye Damage/Irritation:	No related category.
Respiratory allergies:	No known sensitization effects.
Skin allergies:	No known sensitization effects.
Carcinogenicity:	Not approved by the US National Toxicology Program (NTP), International Agency for Research on Cancer (IARC), US Occupational Safety and Health Administration. Listed as a carcinogen or suspected carcinogen by OSHA.
Germ Cell Mutagenicity:	No related category.
Reproductive toxicity:	No related category.
STOT—single exposure:	No related category.
STOT—Repeated Exposure:	No related category.

Aspiration hazard:	No related category.
Potential Health Effects:	none.
Intrusion route:	none.
Inhalation:	Normally there are no obvious symptoms or effects.
By mouth:	Normally there are no obvious symptoms or effects.
skin contact:	Normally there are no obvious symptoms or effects.
eye contact:	Normally there are no obvious symptoms or effects.

12. Ecological Information

- 12.1 Ecotoxicity: No data available.
- 12.2 Persistence and degradability: No data available.
- 12.3 Bioaccumulative potential: No data available.
- 12.4 Mobility in soil: No data available.
- 12.5 Assessment of outcomes of PBT and vPvB: No data available.
- 12.6 Other adverse effects in the environment: No data available.

13. Disposal considerations

Disposal methods:

The waste should be poured into a special barrel (with a cover) and treated centrally, and it is forbidden to discharge into the sewer. Products and contaminated packaging should be disposed of as hazardous waste and sent to a qualified waste disposal company for disposal. Please refer to the relevant laws and regulations of the state, local and local environmental protection departments before disposing of a large amount of waste.

Contaminated packaging:

Return it to the supplier for recycling if possible. Facilities and sites for waste treatment must meet the national occupational safety and health and environmental protection standards.

14. Shipping information

14.1 United Nations Dangerous Goods Number (UN Number)

ADR/RID/ADN, IMDG, IATA not applicable

14.2 UN shipping name

ADR/RID/ADN, IMDG, IATA not applicable

14.3 Transport hazard classes

ADR/RID/ADN, IMDG, IATA

level not applicable

Label not applicable

14.4 Packing group

ADR/RID/ADN, IMDG, IATA

not applicable

14.5 Environmental hazards

not applicable

14.6 Special precautions for user

not applicable

14.7 Annex 2 of MARPOL73/78 (Agreement on the Prevention of Marine Pollution from Ships) and bulk shipments according to the IBC Code (International Shipping Code)

no data available

14.8 Shipping/additional information

According to the above information, the product is not classified as dangerous goods

UN "Standard Regulations"

not applicable

15. Regulatory Information

Safety, health and environmental regulations/regulations specific to the substance or mixture

No data available.

Chemical Safety Assessment

A chemical safety assessment has not been performed on this product.

16. Other information**16.1 References:**

- [1] IPCS: International Chemical Safety Card (ICSC)
URL: <http://www.ilo.org/dyn/icsc/showcard.home>
- [2] EU REACH Registered Substances Database
URL: <http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances>
- [3] OECD Global Chemicals Information Platform
URL: http://www.chemportal.org/chemportal/index?pageID=0&request_locale=en
- [4] US CAMEO Chemical Substance Database
URL: <http://cameochemicals.noaa.gov/search/simple> American Library
- [5] of Medicine: Chemical Identification Database
URL: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>
- [6] US Environmental Protection Agency: Integrated Hazard Information System
URL: <http://cfpub.epa.gov/iris/>
- [7] U.S. Department of Transportation: Emergency Response Guidebook
URL: <http://www.phmsa.dot.gov/hazmat/library/erg>
- [8] Germany GESTIS - Hazardous Substances Database
URL: <http://gestis-en.itrust.de/>
- [9] International Agency for Research on Cancer (IARC)

URL: <http://www.iarc.fr/>

16.2 Abbreviations:

PC-STEL	Short-term exposure limitable concentration
PC-TWA	Time weighted average
IARC	International Agency for Research on Cancer
LC50	50% lethal concentration
LD50	50% lethal dose
EC50	50% effective concentration
PBT	Persistence, Bioaccumulation, Toxicity
vPvB	Persistence, bioaccumulation
THREATIS	International Air Transport Association
IMO	International Maritime Organization
IMDG	International Maritime Dangerous Goods Code
ICAO	ICAO
AND	United Nations
NTP	US National Toxicology Department
ACGIH	American Conference of Industrial
OSHA	Hypertite Occupational Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health

16.3 Disclaimer:

The format of this safety data sheet complies with the compilation requirements of the 9th edition of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The data comes from international authoritative databases and data submitted by enterprises, and other information is based on the company's current knowledge. We try our best to ensure the correctness of all the information in it, but due to the diversity of information sources and the limitations of our company's knowledge, this document is for users' reference only. The user of the safety data sheet should make a judgment on the rationality of the relevant information according to the purpose of use. We accept no responsibility for any damages arising from the handling, storage, use or disposal of this product.

16.4 Revision Information

MSDS compilation date	January 18, 2023
MSDS revision date	-
Risk/benefit revision	-
MSDS version	1.0

:***END OF REPORT***