



Unilong Industry Co., Ltd

Add: No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China

Chemical Safety Data Sheet

1. Identification

Product name: poly(methylmethacrylate)

Details of the supplier of the safety data sheet:

Company name: Unilong Industry Co.,Ltd.

Address: No.2000 Shunhua Rd, High-Tech Zone, Jinan City, Shandong Province, China

Tel: +86 0531 55690071

2. Hazards identification

2.1 GHS classification

Not a hazardous substance or mixture according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Beware - the substance has not been fully tested.

2.3 Other Hazards - None

3. Composition/information on ingredients

Product name: poly(methylmethacrylate)

CAS: 9011-14-7

Molecular Formula: $[\text{CH}_2\text{C}(\text{CH}_3)(\text{CO}_2\text{CH}_3)]_n$

4. First aid measures

4.1 Description of necessary first aid measures

Inhale

If inhaled, move the patient to fresh air. If breathing stops, artificial respiration is given.

Skin-to-skin contact

Rinse with soap and plenty of water.

Eye contact

Rinse eyes with water as a precautionary measure.

Ingestion

Never feed anything from the mouth of an unconscious person. Rinse your mouth with water.

4.2 Main symptoms and effects, acute and late effects

To the best of our knowledge, this chemical, physical and toxic properties have not been fully studied.

4.3 Instructions and instructions for timely medical treatment and special treatment as required

No data available

5. Fire fighting measures

5.1 Fire extinguishing medium

Fire extinguishing methods and fire extinguishing agents

Extinguish the fire with water mist, alcohol-resistant foam, dry powder or carbon dioxide.

5.2 Special hazards arising from this substance or mixture



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Carbon oxides

5.3 Advice to Firefighters

If necessary, wear a self-contained breathing apparatus to fight fires.

5.4 Further Information

No data available

6. Accidental release measures

6.1 Personnel prevention, protective equipment and emergency handling procedures

Prevents the formation of dust. Prevent inhalation of vapors, aerosols or gases.

6.2 Environmental Protection Measures

There are no special environmental precautionary requirements.

6.3 Methods and materials for suppressing and removing spills

Sweep and shovel off. Store in an appropriate closed container for disposal.

6.4 Refer to other sections

See Section 13 for discard disposal.

7. Handling and storage

7.1 Precautions for safe operation

Where dust is generated, provide suitable exhaust equipment. General fire protection measures.

7.2 Conditions of secure storage, including any incompatibilities

Store in a cool place. Keep the container tightly closed and store in a dry and ventilated place.

7.3 Specific Uses

No data available

8. Exposure controls/personal protection

8.1 Allowable concentration

Maximum permissible concentration

There are no known state-mandated exposure limits.

8.2 Exposure Control

Appropriate technical controls

Routine industrial hygienic operations.

Personal protective equipment

Eye/face protection

Protect your eyes with equipment that has been tested and approved by official standards such as NIOSH (USA) or EN 166 (EU).

Skin protection

Gloves must be inspected before use.

Please remove the gloves using a suitable method (do not touch the outer surface of the gloves) and avoid any skin area coming into contact with this product.

After use, please dispose of contaminated gloves with caution in accordance with relevant laws and regulations and valid laboratory regulations. Wash and blow dry your hands

The protective gloves selected must comply with EU Regulation 89/686/EEC and the EN 376



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standard derived from it.

Body protection

Depending on the type, concentration and amount of hazardous substances, as well as the specific workplace, human protection measures are selected. ,

The type of protective equipment must be selected based on the concentration and content of hazardous substances in a particular workplace.

Respiratory protection

There is no need to protect your breath. For protection against dust damage, use a dust mask type N95 (US) or type P1 (EN 143).

Respirators use respirators and parts that have been tested and passed government standards such as NIOSH (US) or CEN (EU).

9.Physical and chemical properties and safety characteristics

9.1 Information on basic physicochemical properties

a) Appearance and character

Shape: Powder

Color: White

b) Odor

Odorless

c) Odor threshold

No data available

d) pH

No data available

e) Melting point/freezing point

No data available

f) Starting boiling point and boiling range

No data available

g) Flash point

> 250.00 °C - Closed cup

h) Evaporation rate

No data available

i) Flammability (solid, gas)

No data available

j) High/low flammability or explosiveness limits No data available

k) Vapor pressure

No data available

l) Vapor density

No data available

m) Relative density

1.200 g/cm³

n) Water solubility

Insoluble



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o) N-octanol/water partition coefficient

No data available

p) Autoignition temperature

304 °C

q) Decomposition temperature

No data available

r) Viscosity

No data available

10.Stability and reactivity

10.1 Reactivity

No data available

10.2 Stability

No data available

10.3 Possibility of Dangerous Reactions

No data available

10.4 Conditions to be avoided

No data available

10.5 Incompatible Materials

Strong oxidant, strong acid

10.6 Dangerous decomposition products

Other decomposition products - no data available

11.Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

Skin irritation or corrosion

No data available

Eye irritation or corrosion

No data available

Respiratory or skin allergies

No data available

Germ cell mutage

No data available

carcinogenicity

Carcinogenic-rat-transplanted

Tumorigenesis: suspected carcinogenic agents that meet RTECS criteria. Lung, thoracic, or respiratory: tumors

Tumorigenesis: Increases the chance of orthotopic tumors in sensitive cell lines.

IARC:

There is no greater than or equal to 0 in this product. The 1% content of the component was



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identified by IARC as a probable or definite human carcinogen.

Reproductive toxicity

No data available

Specific target organ system toxicity (one exposure)

No data available

Specific target organ system toxicity (repeated exposure)

No data available

Dangerous to inhale

No data available

Potential health effects

Inhalation can be harmful. May cause respiratory irritation.

Ingestion is harmful.

The skin can be harmful if absorbed through the skin. May cause skin irritation.

Eyes can cause eye irritation.

Signs and symptoms after exposure

To the best of our knowledge, this chemical, physical and toxic properties have not been fully studied.

Additional notes

Registration of toxic effects of chemical substances: TR0400000

12. Ecological information

12.1 Ecotoxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Potential bioaccumulation

No data available

12.4 Migration in soils

No data available

12.5 Evaluation of outcomes for PBT and vPvB

No data available

12.6 Other Adverse Effects

No data available

13. Disposal considerations

13.1 Methods of Waste Disposal

products

Give the remaining and unrecovered solution to the disposal company.

Contaminated containers and packaging

Dispose of as an unused product.

14. Transport Information



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14.1 United Nations Dangerous Goods Number

European Dangerous Regulations for Land Transport: -International Maritime Dangerous Regulations: -International Air Dangerous Regulations: -

14.2 Names as prescribed by the United Nations (UN).

European Dangerous Goods by Land: Non-dangerous goods

International Maritime Dangerous Goods Code: Non-dangerous goods

International Air Freight Dangerous Regulations: Non-dangerous goods

14.3 Transport Hazard Classes

European Dangerous Regulations for Land Transport: -International Maritime Dangerous Regulations: -International Air Dangerous Regulations: -

14.4 Package Groups

European Dangerous Regulations for Land Transport: -International Maritime Dangerous Regulations: -International Air Dangerous Regulations: -

14.5 Environmental Hazards

European Dangerous Transport Regulations: No International Maritime Transport Dangerous Regulations Marine Pollutants: No International Air Transport Dangerous Regulations: No

14.6 Special Reminders to Users

No data available

15.Regulatory Information

N/A

16.Other information

None