



大连闻达化工股份有限公司
Wenda Co., Ltd.

Safety Data Sheet

2-HydroxypropylMethacrylate

Section 1 - Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: 2-HydroxypropylMethacrylate

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

General use: Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

WENDA CO., LTD

No.18, 3rd Shengming Road, DD Port, Dalian, China (116620)

Tel: 0086 411 87585000

Fax: 0086 411 87585005

1.4 Emergency telephone number

0086-411-87585000-278

Section 2 - Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Eye irritation (Category 2) H319

Skin sensitization (Category 1) H317

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms



Signal word danger.

Hazard statements

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Precautionary statements

P201 Obtain special instructions before use.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P280 Wear protective gloves.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards

None



3.1 Substances

Chemical Name	Chemical Abstract Service(CAS No).	Ingredient (Provided by Clients)
2-HydroxypropylMethacrylate	27813-02-1	98.0%

Section 4 - First Aid Measures

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Indication of any immediate medical attention and special treatment needed

No data available

Section 5 - Fire and Explosion Hazard Data

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NOx)

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Further information

Use water spray to cool unopened containers.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

Section 7 - Handling and Storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.



Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature: 2 - 8 °C

Moisture sensitive. Light sensitive.

Specific end uses

No data available

Section 8 - Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

a) Appearance Form:	clear light yellow liquid
b) Odour:	no data available
c) OdourThreshold:	no data available
d) pH:	no data available
e) Melting point/freezing point:	-60 °C
f) Initial boiling point and boiling range:	205 - 209 °C
g) Flash point:	95 °C - closed cup
h) Evaporation rate:	no data available
i) Flammability (solid, gas):	no data available
j) Upper/lower flammability or explosive limits:	no data available
k) Vapour pressure:	0,066 hPa bij 20 °C
l) Vapour density:	no data available
m) Relative density:	1,026 g/cm3 @ 25 °C
n) Water solubility:	no data available
o) Partition coefficient:	no data available
p) Auto-ignition temperature:	no data available
q) Decomposition temperature:	no data available



9.2 Other safety information

No data available

Section 10 - Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Exposure to light. May polymerize on exposure to light.

10.5 Incompatible materials

Strong acids, Strong bases, Strong oxidizing agents, Strong reducing agents

10.6 Hazardous decomposition products

Other decomposition products - no data available

Section 11 - Toxicological Information

Acute toxicity

no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

No data available

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available



Potential health effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes serious eye irritation.

Additional Information

RTECS: Not available

Section 12 - Ecological Information

Toxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

no data available

Section 13 - Disposal Considerations

13.1 Waste treatment methods

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

Section 14 - Transportation Information

14.1 UN number

ADR/RID:--,

IMDG:-- ,

IATA: --

14.2 UN proper shipping name

ADR/RID:

Not dangerous goods

IMDG:

Not dangerous goods

IATA:

Not dangerous goods

14.3 Transport hazard class(es)



ADR/RID:--,	IMDG:-- ,	IATA: --
14.4 Packing group		
ADR/RID:--,	IMDG:-- ,	IATA: --
14.5 Environmental hazards		
ADR/RID: no	IMDG Marine pollutant: no	IATA: no
14.6 Special precautions for user		
No data available		

Section 15 - Regulatory Information

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

- **Labelling according to Regulation (EC) No 1272/2008**
- **Hazard pictograms** Please refer section 2.
- **Signal word** Please refer section 2.
- **Hazard-determining components of labeling:** Please refer section 2.
- **Hazard statements** Please refer section 2.
- **Precautionary statements** Please refer section 2.
- **Chemical safety assessment** Please refer section 2.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.
- √ **CHINA - China Inventory of Existing Chemical Substances (IECSC)**
- √ **TSCA - United States Inventory of Toxic Substances Control Act Chemical Substances (TSCA)**
- √ **ENCS - Japan Existing and New Chemical Substances (ENCS)**
- √ **EINECS - European Inventory of Existing Commercial Chemical Substances (EINECS)**

Note:

"√" **Indicates that the substance included in the regulations**

Section 16 - Other Information

The above information has been compiled by WENDA from published sources considered reliable, but not all the information has been independently verified by WENDA. In addition, the exact conditions of use are beyond WENDA's control; Accordingly, WENDA can not guarantee the accuracy of the above, although it is given in good faith.

Date of Issue: 5/21/2017

Prepared by: Technical Department/ WENDA

Authorization: President/ WENDA