



Material Safety Data Sheet (MSDS)

This MSDS is authoring based on the data supplied by and identified on behalf of the client.

Sample Name: THREAD LOCKER
Trade Mark: Morelic
Client Name: Morelic Technology Co., Ltd.
Client Address: No. 8, Xintang Village, Longhua District, Shenzhen,
China

Issue Date: September 24, 2024

Signed for and on behalf of
JINHUA HEBIAO GHS AND MSDS SERVICES FIRM



Approved signator: David Chen

WuCheng City Square, 2999 BinHong West Road, WuCheng District, Jinhua City, Zhejiang Province, China | +86-18768438565 |

The information and recommendations set forth are made in good faith and believed to be accurate as of the date of preparation. We make no warranty, expressed or implied, with respect to this information and disclaim all liabilities from reliance on it.

Material Safety Data Sheet (MSDS)

Revised on : September 24, 2024

Page 1 of 9

1. Identification of the Substances/Preparation and of the Company/Undertaking

Product Identification:

Product Name: THREAD LOCKER
Synonyms: Anaerobic adhesive
Trade Mark: Morelic
UFI Code: V780-W0XM-9005-JFD8
Model Number: 222 242 243 262 263 271 272 277 290
Ingredients: Aromatic methacrylate;
hydroxyethyl methacrylate;
Bisphenol a fumarate;

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

Identified Uses: Anaerobic adhesive.
Use Advised Against: No data available.

Details of the Manufacturer or supplier

Manufacturer: Morelic Technology Co., Ltd.
Address: No. 8, Xintang Village, Longhua District, Shenzhen, China

Telephone: +86-195 1520 4360
Email: sales@morelic.com

Emergency telephone number

Emergency Telephone: +86-19515204360

2. Hazards Identification

Classification of the substance or mixture

Classification Skin irritation, Category 2, H315
Skin Sensitisation , Category 1, H317
Serious eye irritation, Category 2A, H319

GHS Label elements

Label:

Material Safety Data Sheet (MSDS)

Revised on : September 24, 2024

Page 2 of 9

Pictogram(s):



Signal Word:

Warning

Hazard Statement:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation.

Precautionary statements:

Prevention Precautionary

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

Statements:

P264: Wash thoroughly after handling.

P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves/ eye protection/ face protection.

Response Precautionary

P302+P352: IF ON SKIN: Wash with soap and water.

Statements:

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.

P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

P337+P313: If eye irritation persists get medical advice/attention.

P363: Wash contaminated clothing before reuse

Storage Precautionary

Not applicable.

Statements:

Disposal Precautionary

P501: Dispose of contents and container in accordance with local/regional/national /international regulations.

Description of any hazards not otherwise classified

No additional information available. Please refer to Section 11 for other relevant health effects and symptoms.

3. Composition/Information on Ingredients

Chemical Characterization

Mixture. Consist of the following ingredients.

Material Safety Data Sheet (MSDS)

Revised on : September 24, 2024

Page 3 of 9

Composition:

Components Name	CAS No.	Weight (%w/w)
Aromatic methacrylate	24448-20-2	30%
hydroxyethyl methacrylate	27813-02-1	40%
Bisphenol a fumarate	39382-25-7	25%
Saccharin	81-07-2	5%

4. First-Aid Measures

Description of first aid measures:

Eye Contact: Flush eyes with plenty of water for several minutes, occasionally lifting the upper and lower eyelids. If eye irritation continues, contact a doctor.

Skin Contact: Wash off with soap and plenty of water. If skin irritation continues, contact a doctor.

Inhalation: If necessary, Remove to fresh air and keep at rest in a position comfortable for breathing.

Ingestion: Wash out mouth with water and drink appropriate amount of water. Seek medical attention.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in section 2 and section 11.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media: Water spray, dry chemical, carbon dioxide or alcohol-resistant foam.

Unsuitable extinguishing media: None known.

Special hazards arising from the substance or mixture

Decomposition products under fire condition - carbon monoxide, carbon dioxide, etc.

Advice for firefighters

As in any fire, Wear self-contained breathing apparatus and full protective gear for firefighting if necessary.

Further information

No data available.

Material Safety Data Sheet (MSDS)

Revised on : September 24, 2024

Page 4 of 9

6. Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

Personal precautions, protective equipment and emergency procedures:

Evacuate area. Ventilate area. Avoid direct contact with spillage. Use suitable personal protective equipment.

Environmental precautions:

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

Methods and materials for containment and cleaning up:

Small Spill: Absorb with dry sand or other inert adsorption material.

Large Spill: Stop leak if without risk. Contain spillage, And then collect with an electrically protected vacuum cleaner or by wet-brushing and place in closed container. Keep in suitable, closed containers for recycle or disposal(see section 13).

7. Handling and Storage

Precautions for safe handling:

The usual precautionary measures for handling chemicals should be followed.

Use appropriate, approved safety equipment as in section 8.

Avoid contact with skin and eyes.

Wash thoroughly after handling.

CAUTION:

Keep out of reach of children.

Keep container tightly closed when not in use.

Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a dry and cool place. Do not store together with strong oxidizing agent.

Avoid direct sunlight.

8. Exposure Controls/Personal Protection

Exposure Limits: Contains no substances with occupational exposure limit values.

Material Safety Data Sheet (MSDS)

Revised on : September 24, 2024

Page 5 of 9

Exposure controls

Engineering Control: General industrial hygiene practice.

Personal protective equipment:

Respiratory Protection: Not required under normal usage.

Eyes Protection:

Not required under normal usage. Use face shield and safety glasses if in-eye risk exists. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Body Protection: Normal general work suit is enough.

Hands Protection: Handle with chemical-resistant gloves.

Other Protections: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Information on basic physical and chemical properties	
Appearance	Viscous liquid.
Color	Blue.
Odor	Weak odor.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Pour point	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability	Not flammable.
Upper explosive limit %(V/V)	Not available.
Lower explosive limit %(V/V)	Not available.
Vapor pressure	Not available.
Vapor density(air=1)	Not available.
Relative density	Not available.
Solubility(ies)	Insoluble in water.

Material Safety Data Sheet (MSDS)

Revised on : September 24, 2024

Page 6 of 9

Partition coefficient: n-octanol/water	Not available.
Ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and Reactivity

Stability: Stable under normal storage temperature and pressure.

Conditions to Avoid: Overheat.

Incompatible materials: Strong oxidizing agents.

Hazardous Decomposition Products: Other decomposition products- no data available. In the event of fire:see section 5.

Possibility of hazardous reactions: None hazardous reactions known under normal condition.

11. Toxicological Information

Acute Toxicity:	No data available.
Skin Corrosion/Irritation:	Causes skin irritation.
Serious Eye Damage/Eye Irritation:	Causes serious eye irritation.
Respiratory or Skin Sensitization	May cause an allergic skin reaction
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity:	None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA .
Reproductive Toxicity:	Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System):	Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity -	Based on available data, the classification criteria are not

Material Safety Data Sheet (MSDS)

Revised on : September 24, 2024

Page 7 of 9

Repeated Exposure (Globally met.

Harmonized System):

Aspiration Hazard: Based on available data, the classification criteria are not met.

Potential Health Effects:

Inhalation: No significant effect or harm under normal condition.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: May be harmful if ingested.

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

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Other adverse effects

Do not allow materials to release to drains or water body.

13. Disposal Considerations

Waste treatment methods

Product

Recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company. Observe according to the national and local related regulations.

Contaminated packaging

Material Safety Data Sheet (MSDS)

Revised on : September 24, 2024

Page 8 of 9

Disposal as unused product after empty. Return to supplier for recycling if possible.

14. Transport Information

ADR/RID Information

ADR-UN Number: Not regulated for transport

ADR-Class: Not regulated for transport

ADR-Shipping Name: Not regulated for transport

ADRPacking Group: Not regulated for transport

IATA/ICAO Information

The product is not subject to IATA DGR.

IATA-UN Number: Not regulated for transport

IATA-Class: Not regulated for transport

IATA-Shipping Name: Not regulated for transport

IATA-Label: None

IATA-Packing Group: Not regulated for transport

IATA-S.P.: None

IATA-ERG: None

IMO/IMDG Information

The product is not subject to IMO/ IMDG Code.

IMDG-Marine Pollutant: No

IMDG-UN Number: Not regulated for transport

IMDG-Class: Not regulated for transport

IMDG-Shipping Name: Not regulated for transport

IMDG-Packing group: Not regulated for transport

IMDG-Storage Category: Not regulated for transport

15. Regulatory Information

International Regulations

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

No information available.

Chemical safety assessment

For this product a chemical safety assessment was not carried out.

16. Other Information

Material Safety Data Sheet (MSDS)

Revised on : September 24, 2024

Page 9 of 9

Further Information:

·This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

·This safety data sheet was prepared in accordance with Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Rev. 10.

Department Issuing MSDS: Morelic Technology Co., Ltd.

Issue Date: September 24, 2024

*****End*****