

# Epoxy Material Safety Data Sheet (MSDS)

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## SECTION 1 — Chemical Product and Company Identification

SYNONYMS: EPOXY RESIN FOR FABRIC

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Usage: Stick carbon fiber fabric

CAS number: not established

Chemical family: chemical compound

### 1. Composition/Information on ingredients

Ingredient Name	CAS number
aromatic hydrocarbon blend	68477-31-6
Epoxy resin	25085-99-8

### 2. Hazards Identification

#### Eye Hazards

May cause eye irritation

#### Skin Hazards

May cause skin irritation; may cause skin sensitization

#### Ingestion Hazards

Harmful if swallowed

#### Inhalation Hazards

May cause nose, throat and lungs irritation

### 3. First Aid Measures

#### Eye

In case of contact, immediately flush eyes with plenty of water for 15mins, get medical attention immediately if irritation develops or continues

#### Skin

In case of contact, immediately flush skin with soap and plenty of water for at least 15mins, get medical attention immediately if irritation develops or continues

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## Ingestion

If swallowed, don't induce vomiting. If victim is fully conscious, give one or two cups of water or milk to drink. Get medical attention immediately.

## Inhalation

Remove to fresh air. If not breathing, give artificial respiration, seek medical attention.

## 4. Fire Fighting Measures

Flash Point: lower than 200°F

Autoignition Point: N/A

### Fire and Explosion Hazards

None known

### Extinguishing Media

In case of fire, use water spray (fog) foam, dry chemical, or CO<sub>2</sub>

### Fire Fighting Instruction

Firefighters should wear self-contained breathing apparatus and full protective gear

## 5. Accidental Release Measures

Avoid release to the environment. Use appropriate personal protective equipment (PPE). Contain spill and collect with absorbent material and transfer into suitable containers. Ventilate enclosed area.

## 6. Handling And Storage

### Storage Precautions

Store in a cool area. Keep containers tightly closed.

### Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

## 7. Exposure Controls/Personal Protection

### Engineering Controls

Use with adequate general and local exhaust ventilation.

### Eye/Face Protection

Safety glasses with side shields or goggles.

### Skin Protection

Chemical-resistant gloves. Lab coat or other work clothing to prevent skin exposure (Long sleeve shirt and long pants). Launder before reuse.

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## Respiratory Protection

A respirator protection program that meets 29 CFR 1910.134 requirement must be followed whenever workplace conditions warrant a respirator's use.

## Other/General Protection

Wash thoroughly after handling.

## 8. Exposure Controls/Personal Protection-Continued

### Ingredient(s)- Exposure Limits

AROMATIC HYDROCARBON BLEND

ACGIH TLV: NOT ESTABLISHED

OSHA PEL: NOT ESTABLISHED

NTP: NO

IARC: NO

EPOXY RESIN

ACGIH TLV: NOT ESTABLISHED

OSHA PEL: NOT ESTABLISHED

NTP: NO

IARC: NO

## 9. Physical And Chemical Properties

### Appearance

Light yellow liquid

### Odor

Mild aromatic odor

Chemical Type: Mixture

Physical State: Liquid

Melting Point: N/A

Boiling Point: N/A

Specific Gravity: 1.1

Percent Volatiles: 0%

Vapor Pressure: N/A

Vapor Density: >AIR

Solubility: N/A

Evaporation Rate: Slower than ether

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## 10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to avoid (stability)

None Known

Incompatible Materials

Strong oxidizing materials, acids and bases.

Hazardous Decomposition Products

CO, CO<sub>2</sub>, Aldehydes and other organics.

Conditions to avoid (polymerization)

Fires/Exotherm when curing in mass.

## 11. Toxicological Information

Conditions Aggravated by Exposure

Eye disease, skin disorders and allergies, chornic respiratory conditions.

Ecological Information

No data available

## SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity: affects aquatic organisms and beneficial microorganisms; biodegradability: relatively slow; non-biodegradability: relatively fast

## SECTION 13 — DISPOSAL CONSIDERATIONS

WASTER DISPOSAL: Dispose of in accordance with local, state, and federal regulations.

## SECTION 14 — TRANSPORT INFORMATION

Package: 10kg/barrel or 20kg/barrel

To prevent the sun and rain, pay attention to gently, to prohibit the collision, transport should be equipped with the corresponding fire equipment and leakage of emergency equipment, the best summer to avoid high temperature, away from public places and densely populated places.

The substance is not subject to IMO IMG Code.

## SECTION 15 — REGULATORY INFORMATION

Does not contain chemicals known to cause cancer, birth defects, or other reproductive harm.