



# Epoxy-Resin

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Epoxy Resin  
**Distributor:** BEST Inc  
3603 Edison Place  
Rolling Meadows IL  
(897) 797 9250



GHS Signal Word: Warning

## SECTION 2: HAZARDS IDENTIFICATION

Routes of Entry: Inhalation, Ingestion, Skin/Eye Contact

**DANGER: CAUSES SEVERE BURNS AND EYE DAMAGE. MAY CAUSE AN ALLERGIC SKIN REACTION.**

### Potential Health Effects

**Serious Eye Damage:** 1.  
**Skin Corrosion:** 1B  
**Skin Sensitization:** 1

Prevention: Do not breath dust of fumes. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective clothes, gloves, eye protection and face protection.

Response: IF SWALLOWED rinse mouth. Do not induce vomiting. If on skin or hair take off immediately all contaminated clothing. If inhaled remove person to fresh air and keep comfortable for breathing.

Storage: Store locked up

Disposal: Dispose of contents and or container according to federal, state and local governmental laws.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS Number	Percentage
Polyamide	Proprietary	60 – 100
Triethylenetetramine	112-4-3	10-30
Silica, amorphous, fumed, crystal-free	112945-52-5	1-5

- Trade secrets on exacting percentages

#### SECTION 4: First aid measures

<b>Inhalation:</b>	Move to fresh air. Get medical attention if necessary
<b>Eye Contact:</b>	Flush eyes with water. Get a physician consultation if an irritation persists.
<b>Skin Contact:</b>	Wash with soap and water after handling. If skin irritation develops, consult a physician.
<b>Ingestion:</b>	DO NOT induce vomiting unless directed to do so by medical personnel. Get medical attention immediately.

#### SECTION 5: FIREFIGHTING MEASURES

<b>Flammable Properties:</b>	Not a fire or explosion hazard
<b>Extinguishing Media:</b>	Water, Foam, Dry Chemical, CO <sub>2</sub>
<b>Unusual Fire Hazards:</b>	In case of fire keep containers cool with water spray. Closed containers may rupture (due to pressure build up) when exposed to extreme heat
<b>Special Firefighting instructions:</b>	Wear self-contained breathing apparatus and full protective clothing.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Safeguards (Personnel)</b>	NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) Sections before proceeding with clean up. Use appropriate PERSONAL PROTECTIE EQUIPMENT during clean up.
<b>Accidental Release Measures:</b>	Do not allow product to enter sewer or waterways

#### SECTION 7: HANDLING AND STORAGE

<b>Handling</b>	Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breath vapor and mist. Wash thoroughly after handling. Keep container closed.
<b>Storage:</b>	Store in original container until ready to use. Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

##### ENGINEERING CONTROLS:

- Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits..

<b>Respiratory Protection:</b>	Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits
<b>Skin Protection:</b>	Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact..
<b>Eye/Face Protection:</b>	Safety glasses are recommended as good industrial practice.

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Odor:</b>	Ammoniacal
<b>Melting Point:</b>	Not available
<b>Appearance:</b>	Dark amber to Black
<b>Solubility in Water:</b>	Not miscible or difficult to mix
<b>% Volatiles</b>	1% Max
<b>Specific Gravity</b>	>0.98

#### SECTION 10: STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions of storage and use.
<b>Hazardous Reactions:</b>	Polymerization is a highly exothermic reaction and may generate sufficient heat to cause thermal decomposition and or ruptured containers.
<b>Hazardous Decomposition Products:</b>	Hydrocarbons. Oxides of carbon. Oxides of Nitrogen. Irritating organic vapors.
<b>Incompatible Materials:</b>	Stable at normal temperatures and storage conditions.
<b>Reactivity:</b>	N/A.
<b>Conditions to Avoid</b>	Avoid temperatures above 38C (100F). Excessive heat, flames, sparks and other sources of ignition. Store away from incompatible materials. Avoid mixing resin ((Part A) and curing agent Part B) unless you plan to use immediately. Failure to observe these precautions may result in excessive heat.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin, inhalation, eyes, ingestion.

**Inhalation:** May cause irritation to nose and throat. Inhalation of vapors or mists of the product may be irritating to the respiratory system.

**Skin Contact:** Corrosive to skin. Causes skin burns. May cause allergic skin reaction. Rash. Redness.

**Eye Contact:** Causes serious eye damage. Redness. Tissue damage.

**Ingestion:** May cause burns of the mouth and throat if swallowed. Irritation and corrosive action can occur in the mouth stomach tissue and digestive tract if swallowed.

## SECTION 12: ECOLOGICAL INFORMATION

**Ecological Information:** Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Landfill or incinerate in compliance with federal, state and local regulations.

## SECTION 14: TRANSPORT INFORMATION

### SHIPPING INFORMATION

**DOT** Haz class: 8 ID Number: UN 2259 Packing Group II

**International Air Transportation** Haz class: 8 ID Number: UN 2259 Packing Group II

## SECTION 15: REGULATORY INFORMATION

### US States Regulatory Information

- TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act inventory.
- TSCA 12 (b) Notification: None above reporting de minimus
- CERCLA/SARA Section 302 EHS: 12 : None above reporting de minimus
- CERCLA/SARA Section 311/312 EHS: 12 : Immediate Health, Delayed Health
- CERCLA/SARA Section 313 EHS: 12 : None above reporting de minimus
- California Proposition 65: No CA Prop 65 listed chemicals are known to be present

## SECTION 16: OTHER INFORMATION

**MEDICAL USE:** Do not use in medical applications involving permanent implantation in the human body. The data in this Safety Data Sheet relate only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

**RESPONSIBILITY FOR SDS:** Best, Inc.

### KEY:

N/A:	Not Applicable
GHS:	Global Harmonized System
OSHA:	Occupational Safety and Health Administration
PEL:	Permissible Exposure Limit
ACGIH:	American Conference of Governmental Industrial Hygienists
TLV:	Threshold limit value
NTP:	National Toxicology Program
IARC:	International Agency for Research on Cancer
DOT:	Department of Transportation
TSCA:	Toxic Substance Control Act

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