

# SAFETY DATA SHEET

EPOXY STEEL



## SECTION 1. PRODUCT INFORMATION

**Product Name:** EPOXY STEEL  
**Product Class:** SILICONE SEALANT  
**Product Code:** SP-1014  
**Healthy Rating:** 2  
**Flammability rating:** 1  
**Reactivity Rating:** 1  
**Fire:** 1  
**PPE:** B

## SECTION 2. COMPOSITON INFORMATION

CHEMICAL NAME	CAS NO.
<b>PART A</b>	
Epichlorohydrin 1	06-89-8
<b>PART B</b>	
Mercaptan Terminated Polymer	UNKNOWN
Phenol	UNKNOWN
Modified Polyamine	UNKNOWN

## SECTION 3. PHYSICAL AND CHEMICAL PROPERTIES

	PART A	PART B
<b>Specific Gravity(Water=1)</b>	1.8	1.8
<b>Appearance:</b>	slightly yellowish flowable paste	flowable paste
<b>Boiling Points:</b>	UNKNOWN	600 °F (316 °C)
<b>Solubility in water:</b>	Slight	Slight
<b>Vapor Density(Air=1):</b>	UNKNOWN	9
<b>Vapor Pressure (mm Hg)</b>	UNKNOWN	<.01 mm Hg @ 68 °F (20 °C)

## SECTION 4. FIRST AID MEASURES

**Acute and Chronic Health Effects of Overexposure:**

**Primary Routes of Entry:**

Inhalation and skin absorption.

**Signs and Symptoms of Exposure:**

Eye skin or respiratory tract irritation.

**Health Hazards:**

**Eyes:**

mild irritation, may cause transient corneal damage.

**Skin:**

mild irritation, not a skin sensitizer.

**Inhalation:**

May cause respiratory irritation.

**Emergency First Aid:**

**Inhalation:**

Remove from further exposure. If unconsciousness occurs, seek immediate medical assistance and call a physician. If breathing has stopped, begin mouth to mouth resuscitation.

**Eye Contact:**

Remove contact lenses (if wearing) and flush eyes with water for 15 minutes.

Seek medical attention to check for possible irritation.

**Skin Contact:**

Wipe clean and wash contact areas with mild non-abrasive soap and water.

**Ingestion:**

Do not induce vomiting. Call physician or poison control center immediately.

## SECTION 5. FIRE FIGHTING MEASURES

	PART A	PART B
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<b>Flash Point:</b>	490 °F (254 °C)	600 °F (316 °C)
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**Extinguishing Media:** Carbon dioxide, foam and dry chemical.

**Special Fire Fighting:**

For fires in enclosed areas, firefighters must use self-contained breathing apparatus.

**Auto-ignition Temperature:**

Not Established Sealed containers may melt, leak, burst or explode, releasing contents and spreading fire, if exposed to extreme heat.

## SECTION 6. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Respiratory Protection:**

Use organic vapor respirator

**Ventilation:**

Normal ventilation is required.

**Skin Protection:**

Plastic or rubber gloves are recommended to prevent skin contact.

**Eye Protection:**

approved safety glasses or chemical splash goggles are recommended to prevent eye contact.

**Other Equipment:**

Sufficient clothing to prevent contact with skin.

## SECTION 7 HANDLING AND STORAGE

**Normal Storage and Handling:**

Store away from heat or flame. Avoid contact with eyes, skin and clothing.

Use personal protection equipment and precautions as specified as below

**Steps to be taken in case of leak of spills:**

Soak up with absorbent material and place in a closed container.

Ventilate if large amount is spilled in a confined space.

**Special Precaution:**

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent

brain and nervous system damage.

**Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.**

## SECTION 8. STABILITY AND REACTIVITY

### **Hazardous decomposition product:**

No hazardous decomposition product at appropriate use.

### **Materials to avoid:**

Unknown.

### **Conditions to avoid:**

Keep away from sources of ignition. At temperatures >50°C the container may burst.

## SECTION 9. TOXICOLOGICAL INFORMATION

- May cause sensitization by inhalation and skin contact.
- Avoid repeatedly contact or contact for a longer time.
- People with isocyanate allergy should not be in contact with the content.
- In case of very sensitive persons low Concentrations can cause asthmatic reactions.

## SECTION 10. DISPOSAL CONSIDERATIONS

### **Waste Disposal Method:**

Incinerate in an approved incinerator or dispose of in a chemical dump in accordance with local, state, county and federal regulations regarding health and environment.

## SECTION 11. TRANSPORTATION INFORMATION

### **DOT Road Shipment Information**

Not subject to DOT.

### **Ocean Shipment (IMDG)**

Not subject to IMDG code.

### **Air Shipment (IATA)**

Not subject to IATA regulations.

## SECTION 12. REGULATORY INFORMATION

**Extremely Hazardous Substances:** None

**CERCLA Hazardous Substances:** None

**Toxic Chemicals:** None present or none present in regulated quantities.

\*\*\*\*\*End of MSDS\*\*\*\*\*

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