

# MATERIAL SAFETY DATA SHEET

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Emergency Telephone: 888-296-5236

## Section 1 - Product Information

**Product Name:** Liquid Steel 2200 (A component)

**Description:** Epoxy Resin Formulation

**Synonyms:** None

**Molecular Formula:** N/A

**Chemical Family:**

## Section 2 - Hazardous Ingredients

Chemical Names(s):	%	CAS Number	OSHA	PEL
Epoxy Resin		25068-38-6		
Wolastinite		13983-17-0	10 mg/m3 (TLV)	
Titanium Dioxide		13463-67-7	10 mg/m3 (TLV)	

## Section 3 - Physical Properties

**Description:** Diglycidyl Ester Resin

**PH:** N/A

**Boiling Point:** >200 F

**Evaporation Rate (BAc = 1):** < 1

**Specific Gravity:** 1.42-1.45

**Solubility in water:** Negligible

## Section 4 - Fire and Explosion Data

**Flash Point:** >200 F (Cleveland Closed Cup)

**Extinguishing Media:** Use water fog, Foam, CO2 or dry chemical extinguishing media.  
Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

**Unusual Hazards:** Decomposition and combustion products may be toxic

**Inhalation:** Irritation, sensitization and dermatitis

**Ingestion:** May cause gastrointestinal distress or irritation.

**Skin:** Prolonged and repeated contact may cause irritation and result in sensitization and allergic reaction.

**Eyes:** Vapor may cause irritation, redness and tearing. Liquid may cause severe irritation with possible irreversible injury.

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## Section 5 - Health Effects

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Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

**Acute Overexposure Effects:** Based on test data and experience with similar products it is believed that this is a low hazard material. Ingestion may cause gastric upset, pain, diarrhea, lethargy. Inhalation of the vapors may result in respiratory irritation.

**Chronic Overexposure Effects:** There are no known chronic effects associated with this material.

### First Aid Procedures:

**Skin:** Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

**Eyes:** Immediately rinse eyes with running water for 15 minutes. If irritation develops, get medical attention.

**Ingestion:** If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

**Inhalation:** Move to fresh air. Aid in breathing, if necessary and get immediate medical attention.

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## Section 6 - Reactivity Data

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**Stability Data:** Stable

**Incompatibility:** Strong Oxidizers, Acids and Epoxy Curing Agents

**Hazardous Polymerization:** Does not occur.

**Corrosive Properties:** Not corrosive

**Oxidizer Properties:** Not an oxidizer.

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## Section 7 - Personal Protection

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**Clothing:** Gloves, coveralls, apron and boots as necessary to prevent contact.

**Eyes:** Chemical goggles; also wear a face shield if splashing hazard exists.

**Respiration:** If vapors or mist are generated, wear a NIOSH/MSHA approved if allergies to said product exist.

**Ventilation:** Open all doors windows to allow for adequate air flow and circulation.

**Hands, Arms, Body:** Rubber or Polyethylene gloves and full body covering clothing.

## **Section 8 - Spill and Leak/ Environmental**

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Spills should be contained and placed in suitable containers for disposal in a licensed facility. This material is not regulated by RCRA or CERCLA.

**Waste Disposal:** Incinerate or bury as a solid in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

**Container Disposal:** Recommend crushing or other means to prevent unauthorized reuse.

## **Section 9 - Regulatory Information**

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RCRA Hazardous Waste Number: N/A

CERCLA: No

**HAZARD RATING: Health- 1                      Fire- 1                      Reactivity- 0                      Special: NA**

This product is not a physical hazard according to the OSHA Hazard Communication Standard;

The information contained herein is to our knowledge true and accurate. All recommendations and suggestions are made without guarantee, since the conditions of use are beyond our control.