

ITW Permatex  
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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** HIGH HEAT EPOXY STICK 2 OZ.  
**Item No:** 84333  
**Product Type:** Epoxy

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component:	Weight%	ACGIH; TLV-TWA	OSHA PEL
MAGNESIUM SILICATE 14807-96-6	30-60	2 mg/m <sup>3</sup>	20 mppcf
CALCIUM CARBONATE 471-34-1	10-30	10 mg/m <sup>3</sup>	Not listed
BISPHENOL A/EPICHLOROHYDRIN BASED EPOXY RESIN 25068-38-6	10-30	Not listed	Not listed
SILICA, QUARTZ 14808-60-7	0.1-1.0	0.025 mg/m <sup>3</sup>	Not listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye and skin irritation. May cause skin sensitization. May be harmful if swallowed.  
**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation  
**Signs and Symptoms of Exposure:** Ingestion may cause nausea and vomiting. Overexposure may cause eye and skin redness. Repeated skin contact may cause allergic skin reactions.

Component:	Weight%	NTP	ACGIH Carcinogens	IARC Carcinogen
MAGNESIUM SILICATE 14807-96-6	30-60	male rat-some evidence, female rat-clear evidence, male mice-no evidence, female mice-no evidence	A4-Not classifiable as a human carcinogen	Group 3 Supplement 7, 1987 Monograph 42, 1987
SILICA, QUARTZ 14808-60-7	0.1-1.0		A2 - Suspected Human Carcinogen	Group 1; Monograph 68, 1997

**Aggravated Medical Condition:** Preexisting skin disorders.

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, do not induce vomiting - seek medical advice. Never give anything by mouth to an unconscious person.  
**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.  
**Skin Contact:** Wash off with soap and water. If skin irritation persists, call a physician.  
**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### 5. FIRE FIGHTING MEASURES

**Flash Point °F(C°):** >200 F° (>93°C) SCC  
**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.  
**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact  
**Hazardous Products of Combustion:** Oxides of carbon, Oxides of nitrogen, Oxides of sulfur, Metal oxide fumes  
**Unusual Fire/Explosion Hazards:** None.  
**Lower Explosive Limit:** N/D  
**Upper Explosive Limit:** N/D

## 6. ACCIDENTAL RELEASE MEASURES

**Spill Procedures:** Maintain good ventilation. Scrape up and place in an appropriate waste container for disposal.

## 7. HANDLING AND STORAGE

**Storage:** Store in a cool, dry area. Store below 100°F.

**Handling:** Do not take internally. Avoid contact with skin and eyes. Wash thoroughly after handling. Discard contaminated leather gloves and shoes.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses.

**Skin:** Neoprene or nitrile gloves recommended.

**Ventilation:** Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

**Respiratory Protection:** An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Tan solid

**Odor:** Pungent sulfur

**Boiling Point:** Not applicable

**pH:** N/AP

**Solubility in Water:** Negligible

**Specific Gravity:** 1.95

**VOC(Wt.%):** 0

**Vapor Pressure:** Nil

**Vapor Density (Air=1):** >1

**Evaporation Rate:** N/AP

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Incompatibilities:** Strong oxidizers

**Conditions to Avoid:** Excessive heat

**Hazardous Products of Combustion:** Oxides of carbon, Oxides of nitrogen, Oxides of sulfur, Metal oxide fumes

## 11. TOXICOLOGICAL INFORMATION

See Section 3

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations

**US EPA Waste Number:** NH - Not a RCRA Hazardous Waste Material

## 14. TRANSPORTATION INFORMATION

**DOT (49CFR 172)**

**U.S. Department of Transportation - DOT - 49 CFR (Ground)**

**DOT Shipping Name:** Not regulated

**Hazard Class:** None

**UN/ID Number:** None

**IATA (Air)**

**Proper Shipping Name:** Not regulated

**Class or Division:** None

**UN/ID Number:** None

**IMDG (Vessel)**

**Proper Shipping Name:** Not regulated

**Hazard Class:** None

**UN Number:** None

**Product Name:** HIGH HEAT EPOXY STICK 2 OZ.

**Item No.** 84333

**Marine Pollutant:** None

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

None

**California Proposition 65:** WARNING: This product contains chemicals known to the State of California to cause cancer

**TSCA Inventory Status:** All components of this product are listed (or exempt) on the EPA TSCA inventory.

## 16. OTHER INFORMATION

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 1, REACTIVITY 0.

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILITY 1, PHYSICAL HAZARD 0

(NFPA is a registered trademark of the National Fire Protection Association)

(HMIS is a registered trademark of the National Paint and Coatings Association)

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