

ITW Permatex  
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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

Product Name: PLASTIC BOND 2 OZ.  
 Item No: 84330  
 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
NEPHELINE SYENITE 37244-96-5	10-30	10 mg/m <sup>3</sup> TWA ACGIH	Not listed
2,4,6- TRIS(DIMETHYLAMINOMETHYL)PH ENOL 90-72-2	<5	Not listed	Not listed
TITANIUM DIOXIDE 13463-67-7	<5	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
SILICA, QUARTZ 14808-60-7	<1	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
TITANIUM DIOXIDE 13463-67-7	<5	male rat-negative, female rat-negative, male mice-negative, female mice-negative	A4	Group 2B; Vol 93,2006; Vol 47,1989
SILICA, QUARTZ 14808-60-7	<1		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.

## 5. FIRE FIGHTING MEASURES

### 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:

White solid

### Odor:

Pungent sulfur

### Boiling Point:

Not applicable

### pH:

N/AP

### Solubility in Water:

Negligible

### Specific Gravity:

1.79

### 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)

**Product Name:** PLASTIC BOND 2 OZ.

**Item No.** 84330

## 14. TRANSPORTATION INFORMATION

**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

**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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**Revision Date:** February 24, 2014  
**Revision Number:** 2