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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 ³	20 mppcf
NEPHELINE SYENITE 37244-96-5	10-30	10 mg/m ³ 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 ³	15 mg/m ³
SILICA, QUARTZ 14808-60-7	<1	0.025 mg/m ³	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.
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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)	

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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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