Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: PLASTIC BOND 2 OZ.
Item No: 84330
Product Type: Epoxy

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component:</th>
<th>Weight%</th>
<th>ACGIH; TLV-TWA</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAGNESIUM SILICATE 14807-96-6</td>
<td>30-60</td>
<td>2 mg/m³</td>
<td>20 mppcf</td>
</tr>
<tr>
<td>NEPHELINE SYENITE 37244-96-5</td>
<td>10-30</td>
<td>10 mg/m³ TWA ACGIH</td>
<td>Not listed</td>
</tr>
<tr>
<td>2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL 90-72-2</td>
<td>&lt;5</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE 13463-67-7</td>
<td>&lt;5</td>
<td>10 mg/m³</td>
<td>15 mg/m³</td>
</tr>
<tr>
<td>SILICA, QUARTZ 14808-60-7</td>
<td>&lt;1</td>
<td>0.025 mg/m³</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Component:</th>
<th>Weight%</th>
<th>NTP</th>
<th>ACGIH Carcinogens</th>
<th>IARC Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAGNESIUM SILICATE 14807-96-6</td>
<td>30-60</td>
<td>male rat-some evidence, female rat-clear evidence, male mice-no evidence, female mice-no evidence</td>
<td>A4-Not classifiable as a human carcinogen</td>
<td>Group 3 Supplement 7, 1987 Monograph 42, 1987</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE 13463-67-7</td>
<td>&lt;5</td>
<td>male rat-negative, female rat-negative, male mice-negative, female mice-negative</td>
<td>A4</td>
<td>Group 2B; Vol 93,2006; Vol 47,1989</td>
</tr>
<tr>
<td>SILICA, QUARTZ 14808-60-7</td>
<td>&lt;1</td>
<td></td>
<td>A2 - Suspected Human Carcinogen</td>
<td>Group 1; Monograph 68, 1997</td>
</tr>
</tbody>
</table>

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)
14. TRANSPORTATION INFORMATION

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name:</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Class or Division:</td>
<td>None</td>
</tr>
<tr>
<td>UN/ID Number:</td>
<td>None</td>
</tr>
</tbody>
</table>

IMDG (Vessel)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name:</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Hazard Class:</td>
<td>None</td>
</tr>
<tr>
<td>UN Number:</td>
<td>None</td>
</tr>
<tr>
<td>Marine Pollutant:</td>
<td>None</td>
</tr>
</tbody>
</table>

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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