

# Safety Data Sheet

Issue Date: 01-Jun-2004

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** 8001 Hi-Stress Epoxy Inter-Mix 5 Resin

### Other means of identification

**SDS #** IES-FO8001R

### Recommended use of the chemical and restrictions on use

**Recommended Use** Repair Adhesive/Surfacers.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

International Epoxies & Sealers  
30241 Commerce Drive  
San Antonio, FL 33576

### Emergency Telephone Number

**Company Phone Number** 1-800-451-7206  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Thick blue paste

**Physical State** Paste

**Odor** Faint epoxy odor

### Classification

|                                   |            |
|-----------------------------------|------------|
| Skin corrosion/irritation         | Category 2 |
| Serious eye damage/eye irritation | Category 2 |
| Skin sensitization                | Category 1 |

### Signal Word

**Warning**

### Hazard Statements

Causes skin irritation  
Causes serious eye irritation  
May cause an allergic skin reaction



### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing should not be allowed out of the workplace

**Precautionary Statements - Response**

Immediately call a poison center or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Get medical attention

IF ON SKIN: Wash with plenty of soap and water

Take off contaminated clothing and wash it before reuse

If skin irritation or rash occurs: Get medical advice/attention

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Toxic to aquatic life with long lasting effects

**Unknown Acute Toxicity**

15-25% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                | CAS No     | Weight-% |
|------------------------------|------------|----------|
| Bisphenol A Diglycidyl Ether | 25068-38-6 | 40-60    |
| Talc                         | 14807-96-6 | 40-60    |
| Quartz                       | 14808-60-7 | 0-1      |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST-AID MEASURES

**First Aid Measures**

|                       |  |
|-----------------------|--|
| <b>General Advice</b> | Provide this SDS to medical personnel for treatment.   |
| <b>Eye Contact</b>    | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician.                                 |
| <b>Skin Contact</b>   | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation or rash occurs: Get medical advice/attention. |
| <b>Inhalation</b>     | Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist.               |
| <b>Ingestion</b>      | Clean mouth with water and drink afterwards plenty of water.   |

**Most important symptoms and effects**

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Eye, skin, and/or respiratory irritation. Exposed individuals may experience eye tearing, redness and discomfort. Will cause gastrointestinal tract irritation. |
|-----------------|---|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

CO2, dry chemical, foam and water fog.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Product is not flammable.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

**Environmental Precautions** Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Contain with inert material.

**Methods for Clean-Up** Soak up with inert absorbent material. Place in appropriate containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Keep out of the reach of children. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep locked up and out of reach of children.

**Incompatible Materials** Acids, Amines, Mercaptans, Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical Name      | ACGIH TLV  | OSHA PEL  | NIOSH IDLH   |
|--------------------|--|---|--|
| Talc<br>14807-96-6 | TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable fraction | (vacated) TWA: 2 mg/m <sup>3</sup> respirable dust <1% Crystalline silica, containing no Asbestos<br>TWA: 20 mppcf if 1% Quartz or more, use Quartz limit | IDLH: 1000 mg/m <sup>3</sup><br>TWA: 2 mg/m <sup>3</sup> containing no Asbestos and <1% Quartz respirable dust |

|                      |  |  |   |
|----------------------|--|--|---|
| Quartz<br>14808-60-7 | TWA: 0.025 mg/m <sup>3</sup> respirable fraction | (vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust<br>: (30)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA total dust<br>: (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction<br>: (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction | IDLH: 50 mg/m <sup>3</sup> respirable dust<br>TWA: 0.05 mg/m <sup>3</sup> respirable dust |
|----------------------|--|--|---|

**Appropriate engineering controls**

**Engineering Controls** Mechanical ventilation or local exhaust ventilation is recommended.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Goggles.

**Skin and Body Protection** Solvent resistant gloves. Wear suitable protective clothing.

**Respiratory Protection** Wear an appropriate NIOSH/MSHA approved respirator if ventilation is inadequate.

**General Hygiene Considerations** Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|  |                                   |                                      |                                    |
|--|-----------------------------------|--------------------------------------|------------------------------------|
| <b>Physical State</b><br><b>Appearance</b><br><b>Color</b> | Paste<br>Thick blue paste<br>Blue | <b>Odor</b><br><b>Odor Threshold</b> | Faint epoxy odor<br>Not determined |
|--|-----------------------------------|--------------------------------------|------------------------------------|

| <u>Property</u>                     | <u>Values</u>         | <u>Remarks • Method</u> |
|-------------------------------------|-----------------------|-------------------------|
| <b>pH</b>                           | Not determined        |                         |
| <b>Melting Point/Freezing Point</b> | Not determined        |                         |
| <b>Boiling Point/Boiling Range</b>  | Not determined        |                         |
| <b>Flash Point</b>                  | > 93.33 °C / > 200 °F |                         |
| <b>Evaporation Rate</b>             | Not determined        |                         |
| <b>Flammability (Solid, Gas)</b>    | Not determined        |                         |
| <b>Upper Flammability Limits</b>    | Not determined        |                         |
| <b>Lower Flammability Limit</b>     | Not determined        |                         |
| <b>Vapor Pressure</b>               | Not determined        |                         |
| <b>Vapor Density</b>                | Not determined        |                         |
| <b>Specific Gravity</b>             | 1.56                  | (1=Water)               |
| <b>Water Solubility</b>             | Insoluble in water    |                         |
| <b>Solubility in other solvents</b> | Not determined        |                         |
| <b>Partition Coefficient</b>        | Not determined        |                         |
| <b>Auto-ignition Temperature</b>    | Not determined        |                         |
| <b>Decomposition Temperature</b>    | Not determined        |                         |
| <b>Kinematic Viscosity</b>          | Not determined        |                         |
| <b>Dynamic Viscosity</b>            | Not determined        |                         |
| <b>Explosive Properties</b>         | Not determined        |                         |
| <b>Oxidizing Properties</b>         | Not determined        |                         |
| <b>VOC Content</b>                  | 0%                    |                         |



**ACGIH (American Conference of Governmental Industrial Hygienists)**  
*A2 - Suspected Human Carcinogen*  
**IARC (International Agency for Research on Cancer)**  
*Group 1 - Carcinogenic to Humans*  
*Group 2B - Possibly Carcinogenic to Humans*  
*Group 3 IARC components are "not classifiable as human carcinogens"*  
**NTP (National Toxicology Program)**  
*Known - Known Carcinogen*  
**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**  
*X - Present*

**Numerical measures of toxicity**

Not determined

**Unknown Acute Toxicity** 15-25% of the mixture consists of ingredient(s) of unknown toxicity.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

**Component Information**

| Chemical Name      | Algae/aquatic plants | Fish  | Toxicity to microorganisms | Crustacea |
|--------------------|----------------------|---|----------------------------|-----------|
| Talc<br>14807-96-6 |                      | 100: 96 h Brachydanio rerio<br>g/L LC50 semi-static |                            |           |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

- Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.
- Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG**  
**Marine Pollutant** This material may meet the definition of a marine pollutant

**15. REGULATORY INFORMATION**

**International Inventories**

Not determined

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*

**US Federal Regulations**

**SARA 313**

Not determined

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals.

| Chemical Name       | California Proposition 65 |
|---------------------|---------------------------|
| Quartz - 14808-60-7 | Carcinogen                |

**U.S. State Right-to-Know Regulations**

| Chemical Name        | New Jersey | Massachusetts | Pennsylvania |
|----------------------|------------|---------------|--------------|
| Talc<br>14807-96-6   | X          | X             | X            |
| Quartz<br>14808-60-7 | X          | X             | X            |

**16. OTHER INFORMATION****NFPA****Health Hazards****Flammability****Instability****Special Hazards**

Not determined

Not determined

Not determined

Not determined

**HMIS****Health Hazards****Flammability****Physical Hazards****Personal Protection**

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Not determined

**Issue Date:** 01-Jun-2004  
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**Revision Note:** New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**