

# Safety Data Sheet

Issue Date: 01-Jun-2004

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** 8460 Inter-Mix 5 Clear Epoxy Adhesive Hardener

### Other means of identification

**SDS #** IES-FO8460H

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

**Recommended Use** General Purpose Adhesive.

### 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** Clear liquid

**Physical State** Liquid

**Odor** Mercaptan

### Classification

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

### Signal Word

**Warning**

### Hazard Statements

Causes serious eye irritation  
Causes skin 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**

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

**Unknown Acute Toxicity**

100% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                           | CAS No       | Weight-% |
|---|--------------|----------|
| Mercaptan Polymer                       | TRADE SECRET | 85-95    |
| N,N'-Bis[3-(dimethylamino) propyl] urea | 52338-87-1   | 5-15     |

\*\*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> | Irritation to skin and eyes. Exposed individuals may experience eye tearing, redness and discomfort. Will cause gastrointestinal tract irritation. May cause an allergic skin reaction. |
|-----------------|---|

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

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

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

CO<sub>2</sub>, 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

No exposure limits noted for ingredient(s) The following information is given as general guidance

### 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> | Liquid       | <b>Odor</b>           | Mercaptan      |
| <b>Appearance</b>     | Clear liquid | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Clear        |                       |                |

| <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>             | 1.13                  | (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%                    |                         |

**10. STABILITY AND REACTIVITY**

**Reactivity**  
Not reactive under normal conditions.

**Chemical Stability**  
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**  
None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Conditions to Avoid**  
Heat, flames and sparks. Keep out of reach of children.

**Incompatible Materials**

Acids, Amines, Mercaptans, Strong oxidizing agents.

**Hazardous Decomposition Products**

HES, AMINES, CO, CO2, H2S, SO2, NO2.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | Causes serious eye irritation.   |
| <b>Skin Contact</b> | Causes skin irritation. Prolonged contact may cause redness and irritation. May cause an allergic skin reaction. |
| <b>Inhalation</b>   | May cause irritation if inhaled.   |
| <b>Ingestion</b>    | May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.   |

**Component Information****Information on physical, chemical and toxicological effects**

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Please see section 4 of this SDS for symptoms. |
|-----------------|--|

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                        |  |
|------------------------|--|
| <b>Sensitization</b>   | May cause an allergic skin reaction.   |
| <b>Carcinogenicity</b> | This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. |

**Numerical measures of toxicity**

Not determined

|                               |  |
|-------------------------------|--|
| <b>Unknown Acute Toxicity</b> | 100% of the mixture consists of ingredient(s) of unknown toxicity. |
|-------------------------------|--|

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

|                               |   |
|-------------------------------|---|
| <b>Disposal of Wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated Packaging</b> | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

### 14. TRANSPORT INFORMATION

|             |   |
|-------------|---|
| <b>Note</b> | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| <b>DOT</b>  | Not regulated   |
| <b>IATA</b> | Not regulated   |
| <b>IMDG</b> | Not regulated   |

### 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

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

Not determined

**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**