MATERIAL SAFETY DATA SHEET

MS-375G BASE COMPONENT

SECTION 1: PRODUCT IDENTIFICATION AND USE

MFG’S NAME: ITW AMERICAN SAFETY TECHNOLOGIES
TRADE NAME: MS-375G BASE COMPONENT
CHEMICAL FAMILY: EPOXY

565 Eagle Rock Ave.
Roseland, New Jersey 07068
(973) 403-2600

Dot Shipping Classification (49CFR 172.101): Paint, 3, UN1263, III
Transportation Emergency Number (CHEMTREC): 1-800-424-9300
Mfg's Dunn's No: 002-171-213

HMIS RATING:
Health = 2
Flammability = 2
Reactivity = 0

NATIONAL STOCK NO: 8010-01-397-3984, 8010-01-397-3806, 8010-01-397-3807, 8010-01-397-3820
SPECIFICATION: MIL-PRF-24667B Type II, COMP G

PREPARED BY: J. Farrell
DATE: 11/11/04

REVISION:

SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>CAS NO.</th>
<th>% WT.</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epoxy Resin</td>
<td>25068-38-6</td>
<td>8-12%</td>
<td>N.E.</td>
<td>N.E.</td>
<td>LD50RAT &gt;5g/Kg(Oral)</td>
</tr>
<tr>
<td>Methyl-N-Amyl Ketone</td>
<td>110-43-0</td>
<td>3-8%</td>
<td>100ppm</td>
<td>50ppm</td>
<td></td>
</tr>
<tr>
<td>Aromatic Naphtha</td>
<td>64742-95-6</td>
<td>&lt;4%</td>
<td>50ppm</td>
<td>50ppm</td>
<td></td>
</tr>
<tr>
<td>Calcium Metasilicate</td>
<td>13983-17-0</td>
<td>5-10%</td>
<td>10mg/m3 dust</td>
<td>10mg/m3 dust</td>
<td></td>
</tr>
<tr>
<td>Alumino Silicate Mineral</td>
<td>37244-96-5</td>
<td>10-25%</td>
<td>10mg/m3 dust</td>
<td>10mg/m3 dust</td>
<td></td>
</tr>
<tr>
<td>Aluminum Oxide</td>
<td>1344-28-1</td>
<td>25-35%</td>
<td>15mg/m3 dust</td>
<td>10mg/m3 dust</td>
<td></td>
</tr>
<tr>
<td>1-methoxy-2-propanol</td>
<td>107-98-2</td>
<td>&lt;4%</td>
<td>100ppm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(N.E. = Not Established)

Contains less than 0.1% Crystalline Silica.

SECTION 313 SUPPLIER INFORMATION: THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372. THIS INFORMATION MUST BE INCLUDED ON THE MSDS COPIED AND DISTRIBUTED FOR THIS MATERIAL.

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS NUMBER</th>
<th>WEIGHT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 3: PHYSICAL DATA

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOILING POINT</td>
<td>&gt;240°F/116°C</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>2.1</td>
</tr>
<tr>
<td>VAPOR PRESSURE</td>
<td>8mmHg @ 68°F/20°C</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>N.E.</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>3.1 (AIR = 1)</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>0.5 (Butyl Acetate = 1)</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Slight</td>
</tr>
<tr>
<td>APPEARANCE AND ODOR</td>
<td>Pigmented Viscous Paste, Mild Odor</td>
</tr>
</tbody>
</table>

SECTION 4: FIRE AND EXPLOSION HAZARD

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLASH POINT</td>
<td>102°F/39°C SETA</td>
</tr>
<tr>
<td>FLAMMABLE LIMITS</td>
<td>LEL: 1.6</td>
</tr>
<tr>
<td></td>
<td>UEL: 11.8</td>
</tr>
</tbody>
</table>

EXTINGUISHING MEDIA: Dry Chemical or Chemical Foam.

SPECIAL FIRE FIGHTING PROCEDURES: Remove all ignition sources. Wear complete personal protective equipment including self-contained breathing apparatus where potential for exposure to vapors or products of combustion exists.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. Decomposition and combustion products may be toxic.
SECTION 5: HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Inhalation/Skin/Ingestion

HEALTH HAZARDS (ACUTE AND CHRONIC)

- Eyes: Irritant. Aggregate may cause injury.
- Skin: May cause moderate irritation and sensitization.
- Inhalation: Vapors may cause headaches, nausea, dizziness and respiratory irritation.
- Ingestion: No specific information available. Contains materials that may be slightly toxic.

CONDITIONS AGGRAVATED BY EXPOSURE: Allergy, eczema and other skin conditions.

CARCINOGENIC DATA: Not on NTP, IARC or OSHA Lists.

OVEREXPOSURE EFFECTS: Irritation, sensitization and dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

- Eyes: Flush with large quantities of water for at least 15 minutes. Get medical attention.
- Skin: Remove contaminated clothing. Wash contact area with mild soap and water.
- Inhalation: Remove to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.
- Ingestion: Do not induce vomiting (contains solvent). Get medical attention.

SECTION 6: REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Excessive Heat

INCOMPATIBILITY (Materials to Avoid): Strong Oxidizing Agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide and Aldehydes.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 7: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all ignition sources. Dike Spill. Absorb with inert material and collect for disposal. Flush contaminated area with water; prevent washings from entering waterways.

WASTE DISPOSAL METHODS: This product, if disposed as shipped, meets EPA criteria of a hazardous waste as specified in 40 CFR 261 on the basis of its ignitability. Dispose of in a licensed hazardous waste facility in accordance with applicable laws.

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH/MSHA approved respirator with organic vapor cartridge if required.

VENTILATION: Explosion-proof mechanical ventilation and local exhaust are recommended. Mechanical exhaust is not recommended as the sole means of controlling employee exposure.

PROTECTIVE GLOVES: Impervious gloves.

EYE PROTECTION: Chemical splash-proof goggles.

OTHER PROTECTIVE EQUIPMENT: In operations where contact may occur, coveralls, apron and impervious foot covering are recommended.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid all personal contact. Do not exceed 110°F/43°C in storage area. Ground and bond metal containers for liquid transfer to avoid static sparks.

SECTION 9: SPECIAL / OTHER INSTRUCTIONS

* A safety shower and eye wash facility should be available to employees.
* Contaminated clothing should be removed immediately and thoroughly laundered before reuse.
MATERIAL SAFETY DATA SHEET

MS-375 HARDENER COMPONENT

SECTION 1: PRODUCT IDENTIFICATION AND USE

MFG'S NAME: ITW AMERICAN SAFETY TECHNOLOGIES
565 Eagle Rock Ave.
Roseland, New Jersey 07068
(973) 403-2600

TRADE NAME: MS-375 HARDENER COMPONENT

CHEMICAL FAMILY: Epoxy Hardener

Dot Shipping Classification (49CFR 172.101): Paint, 3, UN1263,III
TRANSPORTATION EMERGENCY NUMBER (CHEMTREC): 1-800-424-9300
MFG'S DUNN'S NO: 002-171-213

HMIS RATING:
Health =2
Flammability =2
Reactivity =1

NATIONAL STOCK NO: 8010-01-397-3984, 8010-01-397-3806, 8010-01-397-3807
8010-01-397-3820, 8010-01-397-3808

SPECIFICATION: MIL-PRF-24667B, Type II, COMP G & L

PREPARED BY: J. Farrell
DATE: 11/11/04

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<th>INGREDIENTS</th>
<th>CAS NO.</th>
<th>% WT.</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyamide/Epoxy Adduct</td>
<td>68424-41-9</td>
<td>40-60%</td>
<td>N.E.</td>
<td>N.E.</td>
<td></td>
</tr>
<tr>
<td>Amidoamine Resin</td>
<td>68443-08-3</td>
<td>10-15%</td>
<td>N.E.</td>
<td>N.E.</td>
<td>Corrosive</td>
</tr>
<tr>
<td>1-Methoxy-2-Propanol</td>
<td>107-98-2</td>
<td>10-25%</td>
<td>N.E.</td>
<td>100ppm</td>
<td></td>
</tr>
<tr>
<td>(N.E. = Not Established)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<th>CHEMICAL NAME</th>
<th>CAS NUMBER</th>
<th>WEIGHT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
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SECTION 3: PHYSICAL DATA

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<th>PROPERTY</th>
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</tr>
</thead>
<tbody>
<tr>
<td>BOILING POINT:</td>
<td>244°F/118°C</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY:</td>
<td>0.96</td>
</tr>
<tr>
<td>MELTING POINT:</td>
<td>N.E.</td>
</tr>
<tr>
<td>EVAPORATION RATE:</td>
<td>0.45 (Butyl Acetate = 1)</td>
</tr>
<tr>
<td>PARTIAL SOLUBILITY WATER:</td>
<td>Partially Soluble</td>
</tr>
<tr>
<td>APPEARANCE AND ODOR:</td>
<td>AmberLiquid, Solvent Odor</td>
</tr>
</tbody>
</table>

SECTION 4: FIRE AND EXPLOSION HAZARD

<table>
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<tr>
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</tr>
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<tbody>
<tr>
<td>FLASH POINT:</td>
<td>102°F/39°C</td>
</tr>
<tr>
<td>LEL</td>
<td>2.0</td>
</tr>
<tr>
<td>UEL</td>
<td>12.0</td>
</tr>
</tbody>
</table>

EXTINGUISHING MEDIA: Dry Chemical, Chemical Foam, Carbon Dioxide or Water.

SPECIAL FIRE FIGHTING PROCEDURES: Remove all sources of ignition. Wear complete personal protective equipment including self-contained breathing apparatus where potential for exposure to vapors or products of combustion exists.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: Decomposition and combustion products may be toxic.
SECTION 5: HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Inhalation/Skin/Ingestion

HEALTH HAZARDS (ACUTE AND CHRONIC)

Eyes: Causes severe irritation or burns. May cause permanent visual impairment.
Skin: Causes severe irritation or burns. May be absorbed through skin in harmful amounts.
Inhalation: May cause upper respiratory tract irritation.
Ingestion: May cause burns of mouth and throat. Contains material that may be slightly toxic.

CONDITIONS AGGRAVATED BY EXPOSURE: Allergy, eczema and other skin conditions.

CARCINOGENIC DATA: Not on NTP, IARC or OSHA lists.

OVEREXPOSURE EFFECTS: Irritation, sensitization and dermatitis.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush with large quantities of water for at least 15 minutes. Get medical attention.
Skin: Remove contaminated clothing. Wash contact area with mild soap and water.
Inhalation: Remove to fresh air. If symptoms persist consult a physician.
Ingestion: Do not induce vomiting. If conscious, give large quantities of water to dilute.
Get medical attention.

SECTION 6: REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Excessive Heat

INCOMPATIBILITY (Materials to Avoid): Strong Oxidizing Agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide, and Oxides of Nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 7: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition.
Dike Spill. Absorb with inert material and collect for disposal. Flush contaminated area with dilute acetic acid (5%) and collect rinsate for disposal.

WASTE DISPOSAL METHODS: This product, if disposed as shipped, meets EPA criteria of a hazardous waste as specified in 40 CFR 261 on the basis of its ignitability. Dispose of in a licensed hazardous waste facility in accordance with applicable laws.

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VENTILATION: Explosion-proof mechanical ventilation and local exhaust recommended. Mechanical exhaust is not recommended as the sole means of controlling employee exposure.

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SECTION 9: SPECIAL / OTHER INSTRUCTIONS

* A safety shower and eye wash facility should be available to employees.
* Immediately remove and thoroughly launder contaminated clothing before reuse.