

# MATERIAL SAFETY DATA SHEET

## MS-275 BASE COMPONENT

Document #

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### 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-275 BASE COMPONENT**

**CHEMICAL FAMILY: EPOXY**

Dot Shipping Classification (49CFR 172.101):Paint,Combustible,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**

**COMMER'L & GOV'T ENTITY (CAGE) CODE:**

**NATIONAL STOCK NO:** **SPEC:** (Type, Grade, or Class)  
MIL-PRF-24667B (Navy)

**PREPARED BY:** J. Farrell

**DATE:** 03-10-07

**REVISION:** 1

### SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

INGREDIENTS	CAS No	% WT.	OSHA	ACGIH
Epoxy Resin	Secret	20-40%	N.E.	N.E.
Epoxy Resin	25068-38-6	1-5%	N.E.	N.E.
Water	7732-18-5	20-40%	N.E.	N.E.
1-Methoxy-2-Propanol	107-98-2	1-5%	360 mg/m3	369 mg/m3
Carbon Black	1333-86-4	<1%	3.5mg/m3	3.5mg/m3
Benzyl Alcohol	100-51-6	5-10%	N.E.	N.E.
Alumino Silicate Mineral	37244-96-5	10-20%	5 mg/m3	N.E.
Titanium Dioxide	13463-67-7	1-5%	15 mg/m3	10 mg/m3
Dipropylene Glycol				
Monomethyl Ether	34590-94-8	5-10%	100 ppm	100 ppm

(N.E. = Not Established)

**SECTION 313 SUPPLIER INFORMATION:** THIS PRODUCT CONTAINS THE FOLLOWING 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.

Chemical Name

CAS Number

Weight %

### SECTION 3: PHYSICAL DATA

**BOILING POINT:** N.E..

**SPECIFIC GRAVITY:** 1.2

**VAPOR PRESSURE:** N.E.

**MELTING POINT:** N.E.

**VAPOR DENSITY:** N.E.

**EVAPORATION RATE:** N.E.

**SOLUBILITY IN WATER:** Slight

**APPEARANCE AND ODOR:** Pigmented Viscous Liquid, Mild Odor.



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## SECTION 8: SPECIAL PROTECTION INFORMATION

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**RESPIRATORY PROTECTION:** No respiratory protection is ordinarily required under normal conditions of use. A NIOSH/MSHA approved respirator with organic vapor cartridge may be used in areas where material is being sprayed or in mist form.

**VENTILATION:** No exposure controls are ordinarily required under normal conditions of use.

**PROTECTIVE GLOVES:** Impervious gloves.

**EYE PROTECTION:** Chemical splash-proof goggles, if liquid contact is likely, or safety glasses.

**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. Store in a cool place, dry place with adequate ventilation. Keep away from flames and high temperatures.

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## SECTION 9: SPECIAL / OTHER INSTRUCTIONS

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\* Contaminated clothing should be removed immediately and thoroughly laundered before reuse.



# MS-275 HARDENER COMPONENT

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## SECTION 5: HEALTH HAZARD DATA

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**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. Not considered toxic by skin absorption but prolonged exposure may cause absorption of harmful amounts.  
Inhalation: May cause nose, throat and lung irritation.  
Ingestion: May cause burns of mouth and throat.

**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 for 15 minutes.  
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.

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## SECTION 6: REACTIVITY DATA

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**STABILITY:** Normally 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.

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## SECTION 7: SPILL OR LEAK PROCEDURES

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

**WASTE DISPOSAL METHODS:** This product, if disposed as shipped, is not a hazardous waste as specified in 40 CFR 261. Consult State or local officials for proper disposal method.

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## SECTION 8: SPECIAL PROTECTION INFORMATION

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

**VENTILATION:** Local exhaust recommended. Mechanical ventilation is not recommended as the sole means of controlling employee exposure.

**PROTECTIVE GLOVES:** Impervious rubber or plastic 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.

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## SECTION 9: SPECIAL / OTHER INSTRUCTIONS

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\* Immediately remove and thoroughly launder contaminated clothing before reuse.