

MATERIAL SAFETY DATA SHEET

AS-75 ANTI-SLIP COATING

Document # 1751

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SECTION 1: PRODUCT IDENTIFICATION AND USE

MFG'S NAME: ITW AMERICAN SAFETY TECHNOLOGIES

TRADE NAME: AS-75

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

CHEMICAL FAMILY: ACRYLICS

DOT SHIPPING CLASSIFICATION: Paint (Not Regulated)
TRANSPORTATION EMERGENCY NO. (CHEMTREC): 1-800-424-9300
MFG'S DUNN'S NO: 002-171-213

HMIS RATING:
Health = 1
Flammability = 0
Reactivity = 0

PREPARED BY: J. Farrell

DATE: 10/27/04

REVISION: 0

SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| INGREDIENTS | CAS NO. | % WT. | ACGIH TLV | CARCINOGENIC |
|-------------------|----------------|---------|--------------------|---------------|
| Acrylic Copolymer | * Trade Secret | 5-10% | * Non Hazardous | No |
| Titanium Dioxide | 13463-67-7 | <2% | 10mg/m3 dust | No |
| Calcium carbonate | 1317-65-3 | 20-35 % | 10 mg/m3 (dust) | No |
| Silicon Dioxide | 14808-60-7 | 40-50% | 0.10mg/m3 PEL dust | See Section 5 |
| Aluminum Oxide | 1344-28-1 | 5-10% | 10mg/m3 dust | No |
| Water | 7732-18-5 | 10-25% | * Non Hazardous | No |
| Diethylene Glycol | 112-34-5 | <1% | N.E. | No |
| Monobutyl Ether | | | | |
| 2-Propanol | 67-63-0 | <1% | 400ppm | No |
| Propylene Glycol | 57-55-6 | <1% | N.E. | No |

(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.

| <u>CHEMICAL NAME</u> | <u>CAS NUMBER</u> | <u>WEIGHT %</u> |
|----------------------|-------------------|-----------------|
| None | | |

SECTION 3: PHYSICAL DATA

| | | | |
|-----------------------------|-------|------------------------------|------------------------|
| BOILING POINT DEG F: | 212°F | WEIGHT/GALLON @ 77°F: | 15 LBS. |
| VAPOR PRESSURE: | N.A. | %VOLATILE BY VOL: | 30-45% |
| VAPOR DENSITY: | 9.85 | EVAPORATION RATE: | <1 (Butyl Acetate = 1) |

(N.A. = Not Applicable)

SECTION 4: FIRE AND EXPLOSION HAZARD

| | | | | |
|---------------------------|--------|--------------------------|------------|------------|
| FLASH POINT DEG F: | >200°F | FLAMMABLE LIMITS: | <u>LEL</u> | <u>UEL</u> |
| | | | N.A. | N.A. |

METHOD USED: TCC

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SECTION 5: HEALTH HAZARD DATA

ACUTE OVEREXPOSURE: Slight irritation to skin, eyes and respiratory tract.

CHRONIC OVEREXPOSURE: Prolonged contact with skin, may cause dermatitis. Prolonged breathing of vapors may cause dizziness, nausea, or headache.

EMERGENCY AND FIRST AID PROCEDURES:

| | |
|---------------|--|
| Inhalation: | Remove to Fresh Air. |
| Eye Contact: | Flush immediately with large volumes of water for at least 15 minutes. Consult physician. |
| Skin Contact: | Remove with soap and water. Remove contaminated clothing. |
| Ingestion: | Drink one to two glasses of water to dilute. DO NOT induce vomiting. Consult physician or poison control center Immediately. |

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

OVEREXPOSURE EFFECTS: Irritation, sensitization and dermatitis.

CARCINOGENIC DATA: This product contains silicon dioxide/silica. The International Agency for Research on Cancer ("IARC") concluded that there was "sufficient evidence in humans for the carcinogenicity of crystalline silica in the forms of quartz or cristobalite from occupational sources.", the overall IARC evaluation was that "crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1). NTP, in its Ninth Annual Report on Carcinogens has classified "silica, crystalline (respirable)" to be a carcinogen." Crystalline silica is not regulated by OSHA as a carcinogen. Since all silicon dioxide/silica is of non-respirable size and encapsulated in the coating no over exposure to airborne dusts is to be expected. However, during removal by mechanical abrasion, appropriate safety practices should be followed to prevent inhalation of airborne dusts.

SECTION 6: REACTIVITY DATA

STABILITY: Stable. Hazardous polymerization CANNOT occur.

CONDITIONS TO AVOID: Avoid contact with Acids and Oxidizing agents. Thermal Decomposition may produce carbon monoxide, carbon dioxide and oxides of nitrogen.

SECTION 7: SPILL OR LEAK PROCEDURES

SPILLS: Absorb liquid on paper and pick up with shovel.

WASTE DISPOSAL METHODS: Place in closed containers. Carefully incinerate or use sanitary land fill in accordance with local and federal regulations.

SECTION 8: SPECIAL PROTECTION INFORMATION

Skin protection:

Chemical-resistant gloves (neoprene, nitrile or natural rubber) to prevent skin contact.

Respiratory protection:

None required at normal handling temperatures and conditions. Use NIOSH approved organic vapor cartridges for uncured resin and dust/particle respirators during grinding/sanding operations of cured resin as exposure levels dictate.

Eye and face protection:

Safety glasses with side shields.

VENTILATION: Local exhaust capable of minimizing vapor concentrations. Use with adequate ventilation.

SECTION 9: SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage - Practice reasonable care and cleanliness.

SECTION 10: SUPPLEMENTAL INFORMATION

CALIFORNIA PROPOSITION 65 INFORMATION: WARNING! This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. Silicon Dioxide/Silica.

CANADIAN WHMIS CLASSIFICATION: D2A, D2B