

Manufacturer

Somar Industries, Ltd.
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Section I**Identity**

PERMACOAT ADMIXTURE 721
REF#F-40

Section II**Hazardous Ingredients/
Identity Information**

- HAZARDOUS COMPONENTS: Acrylic Polymer, dispersed in water OSHA PEL: Not Established ACGIH TLV: Not Established
- HAZARDOUS COMPONENTS: Ammonia (CAS 7664-41-7); <0.2%
OSHA PEL: 35mg/m3
ACGIH TLV: 18mg/m3-
TWA 27mg/m3-STEL

Not a hazardous material as defined in title 29 CFR parts 1900 to 1910

Section III**Physical/Chemical Characteristics**

- Boiling Point: 100C (210F)
- Specific Gravity: 1-1.2
- Vapor Pressure: (20C)
17mm Hg
- Melting Point: NA
- Vapor Density: <1
- Evaporation Rate: <1 (butyl/acetate=1)
- Solubility in Water: Dilutable
- Appearance and Odor: Milky White liquid, slight ammonia odor.

Section IV**Fire and Explosion Hazard Data**

- Flash Point: Noncombustible
- Flammable Limits: NA
- Extinguishing Media:
Ignition will give rise to Class A fire. In case of fire use: water spray or dry chemical.
- Special Fire Fighting Procedures:
- Firefighters should wear a self-contained breathing ap-

paratus, especially in enclosed areas

- Unusual Fire and Explosion Hazards: Material can splatter above 100C. Dried Polymer film can burn.

NA=NOT APPLICABLE NE=NOT ESTABLISHED DATE PREPARED 1/1/96

C=CENTIGRADEF=FAHRENHEIT REF: F-40

Section V**Reactivity Data**

- Stability – Stable
- Conditions to avoid: Temperatures over 177C (350F)
- Incompatibility – Materials that react violently with water.
- Hazardous Decomposition or byproducts – Monomer vapors may be evolved when product is over heated
- Hazardous Polymerization – Will Not Occur

Section VI**Health Hazard Data**

- Primary Routes of Entry:
- Inhalation – YES
- Skin – YES
- Ingestion – NO
- Health Hazards:
- Inhalation: Vapor or mist can cause headache, nausea & irritation of the nose, throat & lungs. Skin Contact – Irritation to skin upon repeated or prolonged contact. -Eye Contact – Slightly irritating to eyes
- Carcinogenicity:
- NTP – NO
- IAR Monographs – NO
- OSHA Regulated – NO
- Signs and symptoms of exposure: Reddening of eyes and skin. Coughing upon inhalation of vapors.
- Medical Conditions Aggravated by Exposure: Hypersensitive individuals may develop allergenic dermatitis.
- Emergency and First Aid procedures: Move subject to

fresh air.

- Eye and Skin Contact: flush eyes with large amount of water for 15 minutes. Wash affected area with soap & water, if irritation persists see physician. If accidentally ingested-contact physician

Section VII**Precautions for Safe Handling and Use**

- Released or Spilled: Floor will be slippery; use care to avoid falling. Contain spills with sand or earth. Transfer to containers for recovery or disposal.
- Waste Disposal Method: Coagulate the emulsion by stepwise addition of ferric chloride and lime Remove the supernatant liquid & flush to chemical sewer. Landfill or incinerator solids.
- Precautions to be taken in handling and storing: Keep from freezing, keep temperatures below 100C.
- Other Precautions: Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

Section VIII**Control Measures**

- Respiratory Protection: Not required if good ventilation maintained, OSHA approved mask for chemical vapors.
- Ventilation: Local exhaust – YES; if heated above 170C, use ventilation with minimum capture velocity of 100 ft/min.
- Mechanical: NA
- Protective Gloves: Impervious.
- Eye Protection: ANSI-87 or equivalent chemical splash goggles.
- Other Protective Clothing: NA
- Work/Hygiene Practices: Normal care & cleanliness will prevent adverse health effects.

Date Prepared 1/1/96 Ref: F-40

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