

# Topaz Industries, Inc.

130 CORPORATE DRIVE • HOLTSVILLE, NEW YORK 11742

GENERAL INFORMATION: (631) 207-0700

EMERGENCY CONTACT: CALL CHEMTREC 800-424-9300

## MATERIAL SAFETY DATA SHEET

(#2)

31-15

5/1/90

FLORCOTE MIX A - PERMAGLAZE PRIMER MIX A - TUFFGLAZE MIX A - TUFFGLAZE SPATTER MIX A  
Z-505 MIX A - #20-22 EPOXY BROADCAST MIX A - 20-20 EPOXY ROLL ON NON-SLIP MIX A  
#21-14 EPOXY GLAZE WALL COATING MIX A

### SECTION II: HAZARDOUS INGREDIENTS

| INGREDIENT  | NTP/<br>IARC/<br>OSHA<br>CARC. | OSHA<br>PEL<br>(PPM) | NIOSH<br>CEILING<br>(PPM) | ACGIH<br>TLV<br>(PPM) | LEL<br>PERCENT | VAPOR<br>PRESSURE |
|---|--------------------------------|----------------------|---------------------------|-----------------------|----------------|-------------------|
| Epoxy Resin of Diglycidyl Ether of Bisphenol A<br>CAS #25068386 | No                             | < - - - - -          | - - - - -                 | N.D.A.                | - - - - -      | >                 |
| Methyl Iso Butyl Ketone<br>CAS #108101                          | No                             | 100                  | N.D.A.                    | 50                    | 1.4            | 15 mm/Hg          |
| Xylene<br>CAS #1330-20-7  | No                             | 100                  | 200                       | 100                   | 1.1            | 9 mm/Hg           |
| N-Propanol<br>CAS #71-23-8                                      | No                             | 200                  | N.D.A.                    | 200                   | 2              | 15 mm/Hg          |
| Propylene Glycol Monomethyl Ether<br>CAS #107982                | No                             | N.D.A.               | N.D.A.                    | 100                   | 2.4            | 8 mm/Hg           |

N.D.A. = No Data Available  
N.A. = Not Applicable

### SECTION III: PHYSICAL DATA

BOILING RANGE 240-285°F VAPOR DENSITY  HEAVIER  LIGHTER THAN AIR

EVAPORATION RATE  FASTER  SLOWER THAN ETHER PERCENT VOLATILE BY VOLUME 5-49 WEIGHT PER GALLON 8-13 Lbs.

APPEARANCE & ODOR: Clear to pigmented liquid with solvent odor.

### SECTION IV: FIRE AND EXPLOSION DATA

DOT Category: Flammable Liquid Flash Point: 68°F LEL: N.D.A.

Extinguishing Media: Regular foam, carbon dioxide or dry chemical.

Special Firefighting Procedures: Self-contained breathing apparatus with a full face piece operated in positive pressure mode.

Unusual Fire & Explosion Hazards: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

Hazardous Decomposition Products: May form toxic materials - carbon dioxide and carbon monoxide, various hydrocarbons, etc.

Target Organ Information: Respiratory system, skin, eyes, CNS, liver and kidney may be damaged by overexposure.

Reportable Spill Information: Xylene - 1,000 lbs. and Methyl Iso Butyl Ketone - 5,000 lbs. spill are reportable to National Response Center.

Toxicity: Each gallon of this product contains 0.8-1 lb. of Methyl Iso Butyl Ketone and 1.5-2 lbs. of Xylene, which are considered toxic per Section 313, SARA Title III.

#2

SECTION V: HEALTH HAZARD DATA

Effects of Overexposure

Eyes

Can cause severe irritation, redness, tearing, blurred vision.

Skin

Can cause moderate irritation, defatting, dermatitis.

Inhalation

Can cause nausea and headache, possible unconsciousness, and even asphyxiation.

Ingestion

Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumoconiosis which can be fatal.

First Aid

Flush with large amounts of water, lifting upper and lower lids occasionally. Consult a physician.

Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

Remove individual to fresh air. If breathing has stopped, give artificial respiration. Keep person, warm, quiet and consult a physician.

Do not induce vomiting, keep person warm, quiet and consult a physician.

SECTION VI: REACTIVITY DATA

Hazardous Polymerization: Cannot occur.

Stability: Stable.

Incompatibility: Avoid contact with strong oxidizing agents (e.g. nitric acid, permanganates, etc.).

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:

Small Spill: Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material and transfer to ventilated closure.

Large Spill: Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks, etc.). Persons not wearing protective equipment should be excluded from area of spill. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

Waste Disposal Method: Dispose of in accordance with local, state and federal reg.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: If TLV of the product is exceeded, a NIOSH/MESA jointly approved self-contained breathing apparatus with a full face piece operated in positive pressure mode or other NIOSH/MESA respirators under specified conditions.

Ventilation: Provide sufficient mechanical (general) and/or local exhaust ventilation to maintain exposure below TLV's.

Protective Gloves: Wear resistant gloves like Buna-N.

Eye Protection: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses.

Other Protective Equipment: To prevent repeated or prolonged skin contact wear impervious clothing and boots.

SECTION IX: SPECIAL PRECAUTIONS

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet must be observed. Keep out of reach of children.