

MATERIAL SAFETY DATA SHEET

Prepared by: Department of Safety & Environment

Revision Date: 9/19/02

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard.

All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

1. **PRODUCT NAME:** EMBE® CEMTEX

Chemical Family: Acrylic Polymer

2. **EMERGENCY OVERVIEW:**

White liquid prolonged exposure may cause skin irritation.

3. **PHYSICAL DATA:**

Boiling Point (°C):	N/Av	Water/Oil Distribution
Percent Volatile:	N/Av	Coefficient: N/Av
Freezing Point (°C)	N/Av	Solubility in Water: 20°C
Vapor Pressure mmHg @20(°C):	N/Av	Specific Gravity: 1-1.2
Vapor Density:	N/Av	pH: 9.5-10.5
Odor Threshold:	N/Av	Evaporation Rate: N/Av
Appearance:	Milky Colour	Odor: Ammonia
Physical State:	Liquid	

N/Av = Not Available

N/Av = Not Available

N/Av = Not Available

ca. = Approximate

4. **FIRE AND EXPLOSION HAZARD DATA:**

Flammability: No

Means of Extinction: Suitable for surrounding fire.

Special Procedures: None.

Flash Point: Not Flammable

Hazardous Combustion Materials: May yield acrylic monomers.

EMBE® CEMTEX

5. REACTIVITY DATA:

Non-reactive to excessive heat.

6. TOXOLOGICAL PROPERTIES:

Route of Entry

Carcinogenicity of Material: None

Skin Contact: Practically non-irritating

Skin Absorption: None

Eye Contact: Inconsequential

7. HEALTH HAZARD DATA: (Cont'd)

Chronic: Product does not contain carcinogenic materials as defined by OSHA Hazardous Communications Act 1910.1200. Materials are not known mutagenic, teratogenic, or reproductive health hazards.

Long term exposure to high concentrations of vapors may result in headaches, nausea, dizziness, central nervous system depression and narcosis.

8. FIRST AID:

Inhalation: Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek medical attention.

Eyes: Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion: Do not give liquid if victim is unconscious or very drowsy, otherwise, give no more than two glasses of water or milk and induce vomiting by 2 tablespoons Syrup of Ipecac or by touching finger to back of victim's throat. Keep victim's head below hips while vomiting. Seek medical attention.

EMBE® CEMTEX

9. SPECIAL PROTECTION INFORMATION:

Ventilation: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build up of heavy vapors.

Personal Protection Equipment: Do NOT wear contact lenses when working with this material. Use chemical goggles/safety glasses with side shields and Rubber/Latex gloves. Selection of specific items such as boots and apron will depend on operation. Wear respirator protection whenever airborne concentrations exceed TLV ceilings or TWA, use NIOSH/OSHA approved respirators equipped with an organic vapor cartridge for listed hazard.

Confined spaces, rooms, or tanks are areas where concern for TLV's is especially important. Reference OSHA Regulation CFR 29 1910.134 for recommended respiratory protection.

10. ADDITIONAL INFORMATION:

Average Shelf Life: Refer to Product Data Sheet.

Special Instructions: Store in cool, dry place.

11. REGULATORY INFORMATION:

Title III Section 302: CASRN 67-64-1 RQ: 5000 lbs

Title III Section 311/312:
Health hazard: Immediate
Delayed
Physical hazard: Do not swallow

Title III Section 313: CASRN 67-64-1 < 25%

State: California No reportable materials.

Canadian Domestic Substance List: All chemicals are listed.

EMBE® CEMTEX

12. TRANSPORTATION

National Motor Freight Classification (NMFC): 46030 Sub: - Class: 55

Description: NON REGULATED

Emergency Response Guide Page No.: 26

DOT Reportable Quantity: 20,000 lbs

DOT:

Shipping Name: Cemtex
Contains: N/AP
Label: Non Flammable

INTERNATIONAL:

Shipping Name: Cemtex
Contains: N/AP
Label: Non Flammable

Marine Pollutant: NL

(NL = Not Listed; P = Moderate; PP = Severe; ND = Not Determined)

The information herein is given in good faith. No warranty, expressed or implied, is given regarding the accuracy of these data or the results obtained from the use thereof. Consult Technical Barrier Systems Inc. for further information.