

3/28/96

MATERIAL SAFETY DATA SHEET CONCRETE PRIMER/SEALER HARDENER**SECTION 1 - PRODUCT IDENTIFICATION****Product Name:** CONCRETE PRIMER/SEALER HARDENER **Part #:** ML819 **Shipping ID:****Classification:** Epoxy Curing Hardener**Supplier's Name:** Metalink Polymers and Adhesives**Emergency Phone:** 1-800-721-2448**Address:** P. O. Box 0851, Buna TX 77612-0209**HMIS:** Health: 3 Flammability: 1 React**SECTION 2 - INGREDIENTS**

Chemical Name	CAS #	Weight Percent	OSHA -TWA & ACGIH-TLV (mg/m3)	Vapor Pressure
Cyloaliphatic Amines	Mixture	82-86	NE	NE
Triethylene Tetramine	112-24-3	8-10	NE	NE
Nonyl Phenol	25154-52-3	5-7	NE	<1 mm/Hg 68° F

SECTION 3 - PHYSICAL DATA**Boiling Point:** 280° F **Vapor Density:** Heavier than air **Evaporation Rate:** NA **Percent volatile by volume:** 0**Weight Per Gallon:** 8.4±0.05**SECTION 4 - FIRE AND EXPLOSION HAZARD DATA****Flash Point:** 200° F **Extinguishing Media:** Foam, CO₂, chemical **Flammable Limits:** NA**OSHA Flammability Classification:** Combustible Liquid, Class IIIB

Special Fire Fighting Procedures: Wear a NIOSH/MSHA approved self contained breathing apparatus and full protective clothing. Use water to keep fire exposed containers cool. Water may be ineffective as an extinguishing agent. **Unusual Fire and Explosion Hazards:** Vapors are heavier than air and may travel along the ground or be moved by ventilation to ignition sources at locations distant from material handling point. Pressure may build up in containers and create an explosion hazard.

SECTION 5 - HEALTH HAZARD DATA**Effects of Overexposure:**

Eye: irritation, burning, tearing, redness, swelling, possible chemical burns. **Skin:** Severe irritation, possible skin sensitizer. Can cause chemical burns, redness, and swelling. **Ingestion:** Abdominal pain, nausea, vomiting, diarrhea, throat and mouth burns. **Inhalation:** Headache, nausea, respiratory tract irritant.

Emergency and first aid procedures: **Eyes:** Flush with water for 15 minutes. **Skin:** Remove contaminated clothing, wash skin with soap and water. **Ingestion:** Do not induce vomiting. Get medical treatment immediately. **Inhalation:** Move to fresh air, aid breathing if necessary.

In all cases, consult a physician for best treatment.**Chemical listed as carcinogen or potential carcinogen:** NTP: NO IARC: NO OSHA: NO**SECTION 6 - REACTIVITY DATA****Stability:** Stable **Hazardous Decomposition:** CO, CO₂, nitrogen oxides and organic compounds **Hazardous**

Polymerization: Will not occur **Conditions to Avoid:** All sources of ignition **Incompatibility (materials to avoid):** Oxidizing agents, strong acids & bases

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING

Steps to be taken in case material is spilled: Dike spill area. Absorb spill with inert absorbent material. Place in sealed metal containers for proper disposal.

Waste Disposal Method: Dispose of according to local, state and federal regulations.

Precautions to be taken in handling & Storing : store in dry area. keep away from open flames and high temperatures. **Other Precautions:** Minimize contact. Avoid breathing vapors. Practice good industrial hygiene and safe working practices.

SECTION 8 - PROTECTIVE AND CONTROL MEASURESRead and understand the manufacture's instructions and the precautionary label on this product.**Respiratory protection:** Use a NIOSH/MSHA jointly approved respirator **Ventilation:** Use mechanical ventilation**Eye Protection:** Chemical splash goggles **Protective gloves:** Neoprene or rubber **Other Protective****Equipment:** Protective clothing, barrier cream, eye bath, safety shower.

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