

MATERIAL SAFETY DATA SHEET

CONCRETE CURE

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Umaco Inc.
60 Rear Newhall Street
Lowell, Ma. 01852

PRODUCT NAME: CONCRETE CURE
GENERAL ID : A COST EFFECTIVE
DISSIPATING CURING
COMPOUND

Emergency Phone (Chemtrec) 1-800-424-9300
Informational phone (Umaco) 1-978-453-8881
Date Prepared: 3/9/05

2. HAZARDOUS INGREDIENTS/ IDENTITY- SECTION 313 SUPPLIER NOTIFICATION- THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR 372

Hazardous Components	Osha/Pel	Acgih	Other	WT. %
CAS #	Ingredient	TLV	Limits	
64742887	Mineral Spirits	n/e	n/e	5-10

3. HEALTH HAZARDS IDENTIFICATION (ACUTE & CHRONIC)

Routes of entry: Inhalation: yes Skin: yes Eyes: yes Ingestion: not expected

Health Hazards (Acute and Chronic):

Acute: Eyes: Can cause irritation, redness, tearing and blurred vision. Skin: Prolonged or repeated contact with the skin can cause irritation and dermatitis. **Inhalation:** May cause irritation to the nose and throat. **Ingestion:** May cause irritation to the mouth, stomach and cause sensitization.

Chronic: There are no other known chronic effects associated with this material.

Carcinogenicity: NTP: No IARC MONOGRAPHS no OSHA REGULATED No

Signs and Symptoms of Exposure: Irritation to the eyes and upper respiratory system. Headache, drowsiness, nausea

Medical Conditions Generally Aggravated by Exposure: None Determined

4. EMERGENCY FIRST AID PROCEDURES

Eyes: Flush with clean water for 15 minutes lifting upper and lower lids occasionally. If irritation persists **Seek immediate medical attention**

Skin: Remove contaminated clothing as soon as possible Wash skin with soap and water. Extremely contaminated shoes should be discarded. If irritation persists **Seek immediate medical attention.**

Inhalation: Remove victim to fresh air away from contamination. Provide oxygen if needed. **Seek immediate medical attention.**

Ingestion: If a large amount of material is swallowed **do not induce vomiting!!** Should vomiting occur be sure to keep victim's head below the hips to prevent aspiration of vomit into the lungs. Keep person warm and quiet. **Seek immediate medical attention.**

5. FIRE FIGHTING MEASURES

Flash point 150 Deg. F.
Method Used Pensky Martins CC

Flammable Limits LEL 0.7
UEL 5.0

Extinguishing Media: NFPA Class B-C Fire extinguisher (dry chemical, carbon dioxide or foam). Water spray may be ineffective on fire but can protect fire fighters and cool closed containers. Avoid spraying directly into containers to prevent boil-over.

Unusual Fire And Explosion Hazards: Explosion hazard when exposed to heat and flame. Vapor is heavier than air and can travel a considerable distance to a source of ignition and flashback.

Special Fire Fighting Procedures: none

6. ACCIDENTAL RELEASE MEASURES

Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from the area of the spill. Spills should be contained, solidified (with sand, speedy-dry, etc.) and placed in suitable containers for disposal in a licensed facility. Prevent run off to sewers, streams or other bodies of water. If run off occurs, notify proper authorities as required that a spill has occurred.

7. HANDLING AND STORAGE:

Avoid breathing vapors. Respiratory protection is required when ventilation is inadequate. NIOSH/OSHA approved respirators for VOC's (mineral spirits) should be worn. Store in a cool/dry location. Do not allow product to freeze. Store away from oxidizers, sparks and open flames.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

If vapor or mist levels are irritating use only NIOSH / MSHA approved respirators for mineral spirits. Keep body contact and splash to a minimum. To prevent repeated or prolonged skin contact, wear impervious clothing and boots. For eye protection use safety glasses with side shields. **Ventilation:** Local exhaust if needed to provide sufficient ventilation. Never eat, drink or smoke in work areas. See Section 4 for additional information.

9. PHYSICAL & CHEMICAL PROPERTIES

Boiling point 212 Deg F Vapor Pressure (mmHG) 2 Vapor Density 4 Melting Point N/A
Evaporation Rate (Butyl Acetate = 1) 8 Solubility in Water Emulsifiable Freezing Point 32 Deg F.
Appearance and Odor Milky white, aqueous dispersion, hydrocarbon odor.
Spec. Gravity (H2O = 1) 1.21

10. STABILITY & REACTIVITY

Stability: Unstable Stable X Hazardous Polymerization: May Occur May Not Occur X
Conditions to Avoid: Heat, open flame, Keep from freezing
Incompatibility: Strong oxidizing agents
Hazardous Decomposition: Can form carbon dioxide, carbon monoxide and other petroleum decomposition byproducts.

11. TOXICOLOGICAL INFORMATION

Acute Studies: Test on similar materials show low order of acute oral and dermal toxicity. Eyes Effects: Minimal irritation on contact. Acute Oral Effects: Test on similar material indicate low order of acute oral toxicity.

12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms. Do not allow to reach ground water, water course or sewer system, even in small quantities.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance to latest Federal, State and local disposal regulations.

14. TRANSPORTATION INFORMATION

Proper Shipping Name: Combustible Liquid N.O.S. UN1993, PG III

15. REGULATIONS

This MSDS has been prepared in accordance with the Federal OSHA Hazard Communication Standard 29CFR 1910.1200

All components of this product are listed on the Toxic Substance Inventory or are excluded from listing requirements

16. OTHER INFORMATION / SAFETY PHRASES

KEEP OUT OF THE REACH OF CHILDREN.

DO NOT ALLOW TO FREEZE.

FOR INDUSTRIAL USE ONLY.

Read all instructions before using this product.

Use in well ventilated areas. Provide local or mechanical exhaust to remove vapors.

Use NIOSH or MSHA approved respirators in unventilated areas or as needed.

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