

MATERIAL SAFETY DATA SHEET

CONCRETE CURE & SEAL

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

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

PRODUCT NAME: CONCRETE CURE & SEAL
GENERAL ID : A WATERBORNE LIQUID
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	
25265-77-4	Ester Alcohol			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 severe eye irritation, redness, tearing and blurred vision. **Skin:** Prolonged or repeated contact with the skin can cause irritation to persons with sensitive skin. **Inhalation:** Excessive inhalation of vapors can cause irritation to mucous membrane, respiratory irritation, dizziness and headache. **Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of product into lungs can cause pneumonia which can be fatal.

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

Carcinogenicity: NTP: No IARC MONOGRAPHS no OSHA REGULATED No

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. If irritation persists **Seek immediate medical attention.** Launder clothing before reuse.

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 250 Deg F.

Flammable Limits LEL n/a

Method Used Pinsky Martins CC

UEL n/a

Extinguishing Media: This material is water based. Use water spray to protect fire-fighters. If water is to be used, use a fog nozzle to cool closed containers. Avoid spraying directly into containers to prevent boil-over.

Special Fire Fighting Procedures: none

Unusual Fire and Explosion Hazards: Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; containers may explode and cause injury or death.

6. ACCIDENTAL RELEASE MEASURES

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:

FOR PROFESSIONAL USE ONLY. Avoid eye/skin contact. Avoid breathing vapors. Store in a tightly closed container. Do not allow to freeze. Store above 32 Degrees F. Since empty containers retain product residues, all hazard precautions given in the data sheet must be observed.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

None usually needed, however if vapor or mist levels are irritating use only NIOSH / MSHA approved respirators. 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:** Provide general or local exhaust systems to maintain clean air. Local ventilation is preferred because it controls odors at the source.

9. PHYSICAL & CHEMICAL PROPERTIES

Boiling point 212 Deg F Vapor Pressure (mmHG) 25 Vapor Density Water Melting Point N/A
Evaporation Rate (Butyl Acetate = 1) Similar to water Solubility in Water 100%
Appearance and Odor Milky white, aqueous dispersion. Slight ester odor
Specific Gravity (H2O = 1): 1.02

10. STABILITY & REACTIVITY

Stability: Unstable Stable X Hazardous Polymerization: May Occur May Not Occur X
Conditions to Avoid: Excessive heat, Keep from Freezing. Strong oxidizing agents
Incompatibility: Strong oxidizing agents
Hazardous Decomposition: Oxides of carbon are formed by burning

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

Do not allow product to reach ground water, water course or sewage systems even in small quantities.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

Not regulated

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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