

MATERIAL SAFETY DATA SHEET

TITE-ROC

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

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

PRODUCT NAME: TITE-ROC
GENERAL ID : A POURABLE, QUICK-SETTING,
HYDRAULIC CEMENT FOR
ANCHORING FIXTURES IN CON-
CRETE & MASONRY

Emergency Phone (Chemtrec) 1-800-424-9300
Informational Phone (Umaco) 1-978-453-8881
Date Prepared: 1 / 28 / 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 | 34 |
| 26499-65-0 | Plaster of Paris | 15mg/cubic m | 10mg/cubic m | |

3. HEALTH HAZARDS IDENTIFICATION (ACUTE & CHRONIC)

Routes of entry: Inhalation: yes Skin: no Ingestion: no

Health Hazards (Acute and Chronic):

Acute: May cause eye irritation and possible corrosion damage. This material hardens and then slowly becomes hot. May dry skin. Irritating and may be corrosive to respiratory tract. May be corrosive to digestive tract. If ingested may result in obstruction.

Chronic: Long term inhalation of large amounts of respirable dust can cause lung damage (Pulmonary fibrosis)

Ingestion: May result in obstruction **Inhalation:** Causes irritation to the respiratory tract. **Skin and Eyes:** Causes irritation to the skin and upper respiratory system

Carcinogenicity: NTP: yes IARC MONOGRAPHS 2A OSHA REGULATED yes

Signs and Symptoms of Exposure: May cause eye irritation and possible corrosion damage. May dry skin. Irritating and may be corrosive to the respiratory tract. May be corrosive to digestive tract. If ingested may result in obstruction.

Medical Conditions Generally Aggravated by Exposure: Pre-existing upper respiratory and lung disease such as but not limited to bronchitis, emphysema and asthma

4. EMERGENCY FIRST AID PROCEDURES

Eyes: Flush with clean water for 15 minutes. If irritation persists **Seek immediate medical attention**

Skin: Wash skin with soap and water. If irritation persists **Seek immediate medical attention.**

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

Ingestion: Dilute by giving 2 glasses of milk or water to drink, followed by fruit juices or diluted vinegar to neutralize the alkali. Material hardens when wetted and if ingested may result in obstruction. **Seek immediate medical attention.**

5. FIRE FIGHTING MEASURES

Flash point none

Flammable Limits LEL n/a

Method Used n/a

UEL n/a

Extinguishing Media: none

Special Fire Fighting Procedures: none

Unusual Fire and Explosion Hazards: none

6. ACCIDENTAL RELEASE MEASURES

Clean up with vacuum or other dustless method

7. HANDLING AND STORAGE:

Store in a tightly closed container within a dry area (away from moisture). Be sure proper ventilation and respiratory and eye protection are used in dusty conditions

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Respiratory Protection: When dusty conditions exist use only NIOSH or MSHA approved respirators

Protective gloves: Recommended

Eye Protection: Recommended, preferably tight fitting goggles

Other protective Clothing: Boots and overalls recommended to protect clothing

Hygienic/Work Practices: Remove and wash soiled clothing and shoes. Wash hands thoroughly before eating or smoking

Ventilation: Local Exhaust needed in dusty conditions

9. PHYSICAL & CHEMICAL PROPERTIES

Boiling point N/A **Vapor Pressure** N/A **Vapor Density** N/A **Melting Point** 1450 Deg C

Evaporation Rate (Butyl Acetate = 1) N/A **Solubility in Water** 0.2 %

Appearance and Odor Finely ground gray powder, no odor

10. STABILITY & REACTIVITY

Stability: Unstable Stable X **Hazardous Polymerization:** May Occur May Not Occur X

Conditions to Avoid: Keep material dry until used

Incompatibility: Acids

Hazardous Decomposition: Above 1450 Deg C. SO-2 and CaO

11. TOXICOLOGICAL INFORMATION

See sections 2 and 3 for specific toxicological information for ingredients of this product.

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

Dispose of as an inert solid in a landfill or by other procedures which are acceptable under federal, state and local regulations.

14. TRANSPORTATION INFORMATION

Not regulated

15. REGULATIONS

This MSDS has been prepared in accordance with the Federal OSHA Hazard Communication Standard 29CFR 1910.120

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. Read all instructions before using this product.

Use NIOSH or MSHA approved respirator in dust environments.

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