



Material Safety Data Sheet (MSDS)

1. Product and Company Information

Product Name: Color Hardener
Manufacturer: Ready Rock Products
Emergency Phone: 979-242-3630
Address: 5902 W. State Hwy 71
City, State, Zip: La Grange, Texas 78945
Last Update: August 27, 2013

2. Composition/Ingredients

Cement: Chemical Name Portland cement CAS No. 65997-15-1 OSHA PEL 5 mg/m3 10 mg/m3.
Grit: Silica Crystalline Quartz 14808-60-7 0.1 mg/m3 0.1 mg/m3 N/A.
Pigments: Chemical Name Iron Oxide CAS No.1309-37-1, 18624-44-7, 1317-61-9, nuisance dust.

3. Hazards Identification

Emergency Overview

Multi color powder.

Overexposure to dust can cause chronic lung injury

Signs and Symptoms of Exposure

Ingestion: May cause discomfort if swallowed.

Inhalation: Prolonged exposure to dust may result in irritation to upper respiratory tract.

Eyes: May cause irritation, inflammation or abrasion.

Skin: Prolonged and repeated contact can cause abrading of the skin or de-fatting drying of the skin, which may result in skin irritation and dermatitis. Exposure to wet material can cause caustic burns.

First Aid Measures

Ingestion: Call a physician immediately. Remove stomach contents only as directed by a physician.

Inhalation: Remove victim to fresh air. If respiratory symptoms persist or develop, GET MEDICAL ATTENTION IMMEDIATELY.

Eyes: DO NOT RUB. Flush eyes with plenty of water for 15 minutes while holding eyelids open. If irritation persists, GET MEDICAL ATTENTION IMMEDIATELY.

Skin: Wash with soap and water. Remove contaminated clothing and shoes. Do not reuse until cleaned. If irritation persists or caustic burns develop, GET MEDICAL ATTENTION IMMEDIATELY.

4. Potential Environmental Hazards

N/A

5. Fire Fighting Measures

Flash Point: N/A

Auto ignition Temperature: >500C

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Unusual Fire Explosion Hazards: Excessive uncontrolled dusting may cause explosion at ignition source.

Extinguishing Media: Product as supplied is non combustible use standard fire-fighting procedures without regard to the product.



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6. Accidental Release Measures

Keep people away. Vacuum, OLoop, or broom-up spilled powders and place in containers. Avoid generation, exposure, and inhalation of dust. Collect spilled powders, place in non-leaking containers, seal tightly, and label properly. Dispose of in accordance with applicable local, county, state, and federal regulations.

7. Safe Handling and Storage

Store in a cool, dry place, and away from acids and strong oxidants and moisture. Keep containers closed.

8. Exposure Controls and Personal Protection

Engineering controls

Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of dust in the air. Avoid dust clouds.

Personal Protective Equipment

All personnel must wear OSHA-NIOSH approved dust respirators when working with or near this product. Please refer to OSHA standards in 29 CFR 1910.134. Wear safety goggles to protect eyes. Aprons and gloves should be worn to minimize contact with skin.

Other Protective Clothing Equipment

An eyewash station should be available.

General Work Practices Hygiene Considerations

Minimize breathing of dust. Avoid prolonged or repeated contact with skin. Use good hygiene when handling this product. Cleanse skin thoroughly after handling and before eating or drinking. Product is easily removed with waterless, hand cleaners followed by washing thoroughly with soap and water. Remove contaminated clothing and launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean dry before reuse.

Exposure Guidelines: Please see section 2.

9. Physical and Chemical Properties

Physical State: Powder

Appearance/Color/Odor: Powder multi color.

Solubility in Water: Moderate

How to Detect this Compound: N/A

Specific Gravity (Water = 1): Approximately 2.8 – 5.4

10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: N/A

Materials To Avoid: Oxidizers, acids and moisture.

Hazardous Decomposition Products: N/A

11. Toxicological Information

N/D

12. Ecological Information

N/D



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13. Disposal Considerations

Use non-leaking containers, seal tightly and label properly. Dispose of in accordance with applicable local, county, state, and federal guidelines. Do not dispose of in streams, wells, lakes, rivers, oceans, or sewers.

14. Transportation Information

DOT Proper Shipping Name: Dry Cement

DOT Hazard Class ID Number: Non-hazardous. Not required. Class 55, Not DOT Regulated

15. Regulatory Information

Reportable Quantity N/A

NFPA Rating: 0=Insignificant, 1=Slight, 2=Moderate, 3=High, 4=Extreme

Health 2

Flammability 0

Reactivity 0

Carcinogenicity Lists: Yes

NTP: No

IARC Monograph: Yes

OSHA Regulated: Yes

STATE WARNING

California Prop 65: N/A

Many States have adopted Federal guidelines and restrictions for hazardous chemicals. A complete list is available at www.epa.gov/ceppo/pubs/title3.pdf. Some states have expanded the Federal List and you should check with your local regulatory agency for any additional restrictions on the hazardous chemicals listed in this section.

FEDERAL WARNING

Section 313 Supplier Notification: This product contains the following toxic chemical(s) subject to the reporting requirements of SARA TITLE III, Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372: N/A

16. Other Information`

IMPORTANT! Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure.

This MSDS has been prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200). To the best of our knowledge, the information contained herein is accurate and the information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change, Ready Rock Products makes no warranty, either expressed or implied with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. The data on this sheet is related only to this specific material. It may not be valid for this material if used in combination with any other materials. It is the user's responsibility to determine suitability and completeness of this information with regards to a particular use. Additional information may be necessary or helpful for specific conditions and circumstances of use. Unknown hazards may exist and this material should be used with caution.

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