

MATERIAL SAFETY DATA SHEET**PRODUCT NAME:** FAUX BRICK COLOR HARDENER**HAZARD RATING:** Least - 0 Slight - 1 Moderate - 2 High - 3 Extreme - 4

ACUTE HEALTH - 2 FIRE - 0 REACTIVITY - 0

SECTION 1. MANUFACTURER

Artcrete, Inc.
5812 Highway 494
Natchitoches, LA 71457

Emergency Telephone 800-535-5053

Information Telephone 318-379-2000

SECTION 2. HAZARDOUS INGREDIENTS IDENTITY INFORMATION

This product has a composition of silica, crystalline quartz, and portland cement. The silica and crystalline quartz have a weight of 40-70%, and OSHA TWA of 0.1 MG/M3 and a CAS number of 14808-60-7. The portland cement has a weight of 30-60%, and OSHA TWA of 30 MG/M3 (Total) and 5 MG/M3 (Respirable) with an ACGIH TLV of 10 MG/M3 and a CAS number of 65997-15-1.

SECTION 3. PHYSICAL DATA

Boiling Point:	Not applicable
Vapor Pressure (MM HG):	Not applicable
Vapor Density (Air=1):	Not applicable
Solubility in Water:	Slight
Specific Gravity (H ² O=1):	2.7 - 3.0
Melting Point:	Not applicable
Evaporating Rate (Butyl Acetate= 1):	Not applicable
Volatile Organic Compounds:	None
Appearance and Odor:	Gritty powder, various colors

SECTION 4. FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not applicable

Flammable Limits:	Not applicable
Extinguishing Media:	None required
Special Fire Fighting Procedures:	Not applicable
Unusual Fire and Explosion Hazards:	None known

SECTION 5. HEALTH HAZARD DATA

Routes of Entry:	
Eye:	Irritant
Inhalation:	Yes
Skin:	Irritant
Ingestion:	Unlikely
Acute And Chronic Health Hazards:	Airborne particles will irritate the eyes and may cause temporary but reversible respiration difficulties. Portland cement, in combination with water, may cause alkali burns. Repeated inhalation of respirable silica in excess of the TWA over extended periods of time may result in irreversible fibrosis of the lungs (Silicosis).
Carcinogenicity:	
NTP:	Yes
OSHA Regulated:	No
IARC Monographs:	Yes IARC monographs on the evaluation of the carcinogenic risk of chemicals to humans (Volume 42, 1987) concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals, and that there is limited evidence of the carcinogenicity of crystalline silica to humans. IARC class 2A. IARC defines limited evidence as follows: "Limited evidence of Carcinogenicity indicates that a causal interpretation is credible, but that alternative explanations, such as chance, bias, or confounding, could not adequately be excluded." Confounding means that consideration was not given to known cancer causes such as tobacco products. Referencing the IARC data, NTP lists silica, crystalline (respirable), under substances or groups of substances, and medical treatments which may reasonably be anticipated to be carcinogens.
Signs and Symptoms of Exposure:	
Inhalation:	Undue coughing, wheezing or breathlessness
Eyes:	Irritation, inflammation or abrasion of the eye
Skin:	Dryness, itching, rashes or burns. Dermatitis or skin sensitization may develop after repeated or prolonged skin contact.

Ingestion:	May cause discomfort if swallowed.
Medical Conditions generally aggravated by exposure:	May aggravate other pulmonary conditions and diseases.

Emergency and First Aid Procedures:

Inhalation:	Move to fresh air. If coughing, irritation, difficulty in breathing or other respiratory symptoms persist or develop, get medical attention.
Skin:	Wash thoroughly with soap and water. Remove soiled clothing. If symptoms develop, get medical attention.
Ingestion:	Get medical attention.
Eyes:	Do not rub eyes. Immediately flush with plenty of water and get medical attention.

Note to Physician:	Mucosal injury following ingestion of this material may contraindicate the induction of vomiting in the treatment of possible ingestion.
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SECTION 6. REACTIVITY DATA

Stability:	Stable
Conditions to Avoid:	Product reacts (hydrates) at a slow, controlled rate when mixed with water releasing minimal heat.
Incompatibility (Materials to Avoid):	Strong oxidizing agents, acids
Hazardous Decompositions or By-Products:	None known
Hazardous Polymerization:	Will not occur

SECTION 7. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:	Follow procedures in Section 8 - Control Measures, when cleaning up spills. Avoid generating dust during recovery or disposal. Collect in a closable container.
Waste disposal method:	This product is not listed as a hazardous waste in federal regulation, Resource Conservation & Recovery Act (RCRA) 40 CFR 261. Dispose of in compliance with local, state, and federal regulations.
Precautions to be taken in handling and storing:	Store in cool, dry area off the ground. Avoid contact with acids and other oxidizers. Avoid moisture; moisture may result in product

hydration.

SECTION 8. CONTROL MEASURES

Respiratory Protection:

Dust respirator (NIOSH/MSHA TC 21C Approved) recommended. 3M Company*s Tech Line (1-800-243-4630) may be helpful for respirator advice and availability. For respiratory protection guidelines, refer to OSHA 29 CFR 1910.134.

Ventilation:

Adequate ventilation and sufficient local exhaust to maintain exposure below TWA and TLV limits.

Protective Gloves:

Impervious gloves recommended.

Eye Protection:

Goggles recommended. Wearing of contact lenses when working with this product is not recommended.

Other Protective Clothing or Equipment:

Wear suitable clothing to minimize skin contact.

Work/Hygienic Practices:

Minimize exposure in accordance with good hygienic practice. Wash with soap and water immediately after handling.