

01/01/2003

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: FAUX BRICK CONCRETE STAIN
Chemical Name: Mixture
Chemical Family: Inorganic Salt Solution
Chemical Formula: Mixture
DOT Proper Shipping Name: Corrosive liquid n.o.s., 8, UN1760, II

HAZARD RATING: Least - 0 Slight - 1 Moderate - 2 High - 3 Extreme - 4

HEALTH - 3 REACTIVITY - 1 FLAMMABILITY - 0 PROTECTION - H

SECTION 1. MANUFACTURER

Artcrete, Inc.
5812 Highway 494
Natchitoches, LA 71457

Emergency Telephone 800-424-9300
Information Telephone 318-379-2000

SECTION 2. HAZARDOUS INGREDIENTS IDENTITY INFORMATION

Composition	Weight	OSHA TWA	ACGIH TLV	CAS NUMBER
Hydrogen Chloride	<5%	5 ppm	5 ppm	7647-01-0
Sodium Dichromate	<20%	0.1 mg/m3	05 mg/m3	10588-01-9
Cupric Sulfate	<10%	5 mg/m3 (ceiling)	5 mg/m3 (ceiling)	7758-98-7

SECTION 3. PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point: Not Determined
Vapor Pressure (mm Hg): Not Determined
Vapor Density (Air = 1): Not Determined
Solubility in Water: Soluble pH = <3.0
Specific Gravity (H₂O = 1): 1.0 - 1.5
Melting Point: Not Determined
Evaporation Rate (Butyl Acetate = 1): Approximately equal to water
Volatile Organic Compounds: Nil
Appearance and Odor: Light to dark green liquid, Metallic odor

SECTION 4. FIRE AND EXPLOSION HAZARD

Flash Point (Method Used): None
Flammable Limits: N/A
Extinguishing Media: Water, fog, dry chemical, and CO₂

Special Fire Fighting Procedures: NIOSH/MSHA pressure-demand, self-contained breathing

Unusual Fire and Explosive Hazards: apparatus should be provided for fire fighters in building or confined spaces where this product is stored. Will give off toxic corrosive fumes of HCl at high temperatures. Reacts with most metals to produce hydrogen gas which can form explosives in the air.

SECTION 5. REACTIVITY

Stability:	Stable
Conditions to Avoid:	Excessive heat.
Incompatibility (Materials to Avoid):	Metals, especially alkaline earth metals, reducing agents, alkalis, organic and oxidizable materials.
Hazardous Decomposition of Byproducts:	May emit highly toxic chloride and chlorine fumes.
Hazardous Polymerization:	Hydrogen may be liberated in contact with certain metals. Will not occur.

SECTION 6. HEALTH HAZARD DATA

Routes of Entry: Eye contact, Skin contact, Inhalation, Ingestion

HEALTH HAZARDS (Acute and Chronic):

ACUTE EXPOSURE: Causes severe irritation and damage to eyes, and may cause blindness very rapidly. Causes skin burns and possible deep ulceration. Inhalation of vapor or mist can cause damage to nasal and respiratory passages. Ingestion can result in death on penetration to vital areas.

CHRONIC EXPOSURE: Prolonged or repeated eye contact may cause conjunctivitis. Prolonged or repeated skin contact, especially with broken skin, may cause "chrome sores" or dermatitis.

SECTION 7. PRECAUTIONS FOR SAFE HANDLING AND USE

PRECAUTIONS TO BE TAKEN DURING APPLICATION AND CLEANUP PROCESS: Do not permit runoff during application, rinsing, and cleanup. Collect with wet vacuum or absorb with inert material. Dispose of all residue, runoff liquid, used absorbent material, and discarded equipment in accordance with all federal, state, and local regulations.

PRECAUTIONS TO BE TAKEN IF MATERIAL IS SPILLED: Follow procedures outlined *in Section 8 - Control Measures* when cleaning up spills. Liquid material may be slippery. Cordon off area. Spilled material may stain the floor. Absorb with inert material or clean up with wet/dry vacuum and place in labeled waste container for neutralization and disposal together with any materials contaminated during cleanup.

WASTE DISPOSAL METHOD: This product is not listed as a hazardous waste on Federal regulations, Resources Conservation & Recovery Act (RCRA) 40 CFR 261. Neutralize by adding baking soda in water to the acid stain to be disposed. The acid stain is neutralized when no fizzing occurs after adding baking soda. Dispose in compliance with local, state, and federal regulations.

HANDLING AND STORING PRECAUTIONS: Avoid contact with skin, eyes, and clothing. Store upright in a cool, dry, well-ventilated area in tightly closed containers away from combustible materials and sources of heat. Isolate from incompatible materials. Protect from physical damage. Do not reuse empty containers.

SECTION 8. CONTROL MEASURES

RESPIRATORY PROTECTION: Wear acid vapor respirator NIOSH/MSHAA TC 23C approved. For respiratory protection guidelines refer to OSHA 29 CFR 1910.134.

VENTILATION: Adequate ventilation and sufficient local exhaust as needed to maintain exposure below TWA and TLV limits.

PROTECTIVE GLOVES: Wear chemical-resistance gloves.

EYE PROTECTION: Wear chemical splash goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear suitable protective clothing, chemical resistant apron and boots to avoid skin contact. Emergency eyewash and washing facilities should be available nearby.

WORK/HANDLING PRACTICES: Minimize exposure by wearing protective clothing. Wash with soap and water immediately after handling.

Prolonged or repeated inhalation of mist may cause ulceration and perforation of the nasal septum.

Epidemiological studies indicate that long-term exposure to high levels of mist in the Chromate-producing industry is associated with increases in respiratory tract cancer in man; the causative agent is not know.

Thus far, epidemiological studies have not demonstrated any increased risk of lung cancer at levels below current TLV.

Cardinogenicity: NTP - **YES** IAARC Monographs - **YES** OSHA Regulated - **NO**

SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION: Irritation of the upper respiratory tract, coughing, sore throat, and shortness of breath.

EYES: Stinging or burning.

SKIN: Irritation, redness, and burning.

INGESTION: Burning in mouth and throat, nausea, vomiting, diarrhea or dizziness.

MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis and breathing disorders.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration.

SKIN: Immediately wash exposed area thoroughly. Remove soiled clothing and footwear and wash before reuse. Discard shoes contaminated with this product. If symptoms persist or develop, get medical attention.

INGESTION: Do not induce vomiting. Vomiting will cause further damage to the esophagus. Give several glasses of milk or water. Keep warm, quiet. **GET MEDICAL ATTENTION IMMEDIATELY!**

EYES: Flush immediately with large amounts of water while holding eyelids apart. Flushing within one minute is essential to achieve maximum effectiveness. **GET MEDICAL ATTENTION IMMEDIATELY AFTER FLUSHING!** If physician is not immediately available, continue flushing with water.

The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Artcrete, Inc. assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the materials. Such vendees or users assume all risks associated.

24 hr. 7 day Emergency Telephone No. (800) 424-9300 CHEMTREC