



Material Safety Data Sheet

1. Product and Company Identification

Product Code ES-1200
Product Name BRICKFORM® E-Etch™

ManufacturerBRICKFORM, A Division of Solomon Colors, Inc.
Address 11061 Jersey Blvd.
City, State, ZipRancho Cucamonga, CA 91730

Emergency Phone800-373-7542
Business Phone909-484-3399
Business Fax217-744-2605

Last Updated June 8, 2010

Health: [2] Flammability: [0]
Reactivity: [1] Protection: [B]

2. Hazardous Ingredients

Chemical Name	Weight	OSHA TWA	ACGIH TLV	CAS Number
Surfactantblend				Proprietary
Glycol...Ether				34590-94-8

3. Physical and Chemical Characteristics

Boiling Point: 212F° (100C°)
Vapor Pressure (mm Hg.): Not Determined
Vapor Density (Air=1): Not Determined
Solubility in Water: Soluble
pH: <3.0
Specific Gravity 1.1: 1.0 - 1.5
Melting Point: Not Determined
Evaporation Rate (Butyl Acetate=1): Approximately Equal to Water
Appearance and Odor: Cloudy liquid. Slight odor

4. Fire and Explosion Hazard

Flash Point (Method Used): Non
Flammable Limits: Not Applicable
Extinguishing Media: Water, Fog, Dry Chemical and CO2
Special Firefighting Procedures: NIOSH/MSHA pressure demand, self-contained breathing apparatus should be given to firefighters in building or confines spaces where this product is stored.
Unusual Fire and Explosive Hazard: Non Known

5. Reactivity

Stability: Stable
Conditions to Avoid: Non-Known
Incompatibility (*Materials to Avoid): Avoid Oxidizers. May emit toxic gases if contact with Hypochlorites occurs. Will emit toxic gases in contact with chlorides or nitrates. Avoid metals, especially alkali or alkaline earth metals, reducing agents, organic and oxidizable materials.
Hazardous Decomposition of Byproducts: May emit oxides of carbon, nitrogen, and chlorine. Hydrogen gas may be liberated with certain metals.
Hazardous Polymerization: Will not occur.

6. Health Hazard Data

Effects of acute exposure:

Inhalation: Product can be irritating to respiratory tract if inhaled as a mist.

Skin: Acute exposure is irritating

Non Corrosive to Skin: (As defined and tested in accordance with the U.S. OSHA's Hazard Communication Standard, DOT Hazardous Materials Regulations, Canada's HHMIS regulations and TDG Regulations. Classified as a mild skin irritant as per the 1992 OECD Guidelines for testing of Chemicals, Number 404 "Acute Dermal Irritation/Corrosion").

Eye: Contact may be painful and irritating.

Ingestion: This product may be harmful or fatal if ingested.

Carcinogenicity: Not Listed on NTP, IARC, and ACCIH

VOC Content: 0 grams per liter

7. Precautions of Safe Handling and Use

PRECAUTIONS TO BE TAKEN DURING APPLICATION AND CLEAN UP PROCESS: Do not permit runoff during application, rinsing and cleanup. Collect with wet vacuum or absorb with inert material. Dispose of all stain residues, runoff liquid, used absorbent materials, 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 VIII- Control Measures when cleaning up spills. Liquid materials may be slippery. Cordon off area. Spilled materials may stain the floor. Absorb with inert material or clean up with wet/dry vacuum and place in labeled 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 and Recovery Act (RCRA) 40 CFR 261. Neutralize the material by adding baking soda to the ChemTone Acid Stain to be disposed of. The acid stain is neutralized when no fizzing occurs when adding baking soda. Dispose of in compliance with local and state 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.

8. Control Measures

Respiratory Protection: Avoid breathing vapors and or mist. 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.

Protective Gloves: Wear chemical resistant gloves

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 increase in respiratory tract cancer in man, the causative agent is not known. Thus far, epidemiological studies have not demonstrated any increased risk of lung cancer at levels below TLV.

9. Carcinogenicity

NTP	IAARC Monographs	OSHA Regulated
NO	NO	NO

10. Signs and Symptoms of Exposure

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

Eyes: Stinging and burning.

Skin: Irritating, redness and burning.

Ingestion: Burning of mouth and throat, nausea, vomiting, diarrhea or dizziness.

Medical Conditions Generally Aggravated by Exposure: Dermatitis and breathing disorders

11. Emergency and First Aid Procedures

Inhalation: Move to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. If symptoms persist or develop, get medical attention.

Skin: Immediately wash exposed area thoroughly. Remove soiled clothing and footwear and wash before reuse. 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 and quiet. GET MEDICAL ATTENTION IMMEDIATELY.

Eyes: OBJECT IS TO FLUSH EYES IMMEDIATELY, THEN GET MEDICAL ATTENTION. Flush eyes immediately with large amounts of water while holding eyelids apart, Flushing within one minute is essential to achieve maximum effectiveness. GET MEDICAL ATTENCION IMMEDIATELY AFTER FLUSHING. If physician is not immediately available, continue flushing with water.

(This page intentionally left blank)