



MATERIAL SAFETY DATA SHEET
2ND STEP COPPER & BRASS BRIGHTENER

SECTION I - PRODUCT IDENTIFICATION

Distributed By: American Building Restoration Products, Inc.
9720 S. 60th St.
Franklin, WI 53132

Emergency Phone No: Chemtrec 1-800-424-9300

Product Trade Name: 2nd Step Copper & Brass Brightener

DOT Proper Shipping Name: Sulfuric Acid, Solution
8 UN2796 PG II

SECTION II - HAZARDOUS INGREDIENTS

	CAS NO.	Amt(%)	OSHA PEL	ACGIH TLV
Sulfuric Acid	7664-93-9	10-15%	TWA 1 mg/m3	TWA 1 mg/m3
Sodium Bichromate	010588-01-9	15-17%	None est	None est

SECTION III - PHYSICAL DATA

Boiling Point: N/A
Evaporation Rate: N/A
Specific Gravity: 1.27
Melting Point: None
Viscosity: N/A
Solubility: Complete in Water
Appearance and Odor: Orange Odorless Liquid
Weight: 10.6 lbs/gal
pH: 1.1

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point (Closed Cup): Non-Flammable

Flammability Classification: Non-Flammable

Extinguishing Media: Dry chemical, Carbon Dioxide, Alcohol Foam, Water

Hazardous Decomposition Products: Hydrogen gas, toxic fumes of sulfur oxides

Fire and Explosion Hazards: May react violently with water and ignite combustible materials.

Hazardous Polymerization: Will Not Occur.

Stability: stable at room temperature in closed containers under normal storage and handling conditions.

Chemical Incompatibilities: Strong alkali, metals, water

SECTION V - HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES: Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.

Inhalation: Get victim to fresh air. If not breathing, use artificial respiration.

Eye Contact: Wash for 15 minutes or more, holding eyelids open. Call a physician.

Skin Contact: Wash off with plenty of water. Apply sterile bandage to burn.

Ingestion: If conscious, don't induce vomiting, use gastric lavage. Give plenty of water or milk of magnesia. Obtain medical attention in all cases.

SECTION VI - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use a NIOSH approved canister respirator in the absence of adequate environmental controls at the point of use.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear



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protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133).

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2).

SECTION VII - SPILL OR LEAK PROCEDURES

Small spills: Contain if possible. Absorb with sand/inert absorbent. Scoop into labeled disposal container. Neutralize material to pH 7.

Large spills: Dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways, product must be neutralized before disposal.

Neutralizing Agent: Sodium Hydroxide/other suitable Neutralizing agent.

Waste Disposal Method: Contact local municipal, state, or federal agencies to ensure compliance of disposal method with current regulations.

NOTE: Empty containers can have residues, gases and mists and are subject to proper waste disposal.

SECTION VIII - TRANSPORTATION AND STORAGE INFORMATION

Handling: When handling be sure container is tightly sealed and the caps are tight. Wear chemical gloves and eye protection when using.

Storage: Keep in a cool dry place away from heat and flame. Keep container closed. Keep out of Light.

SECTION IX - PREPARATION DATE OF MSDS

Occupational Health & Safety Dept.

Date: 05/19/09

Supersedes: 03/12/08

DISCLAIMER

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