



SAFETY DATA SHEET

This Material Safety Data Sheet complies with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200.

1. Product and Supplier Identification

Product: Color Hardeners (All colors)

Product Use: Concrete additive

Manufacturer's details:

Company:

The Sealer Depot, LLC

325 Commerce Blvd.

Liverpool, NY 13088

Ph. 315-451-4124

Ph. 855-767-4055

Email: info@thesealerdepot.com

Website: www.thesealerdepot.com

Emergency telephone number:

Emergency number CHEM-TEL 800-255-3924

Distributor's details:

Company:

Stampcrete International, Ltd.

325 Commerce Blvd.

Liverpool, New York 13088

Phone: (315) 451-2837

Toll-Free: 1-800-233-3298

Fax: (315) 451-2290

E-mail: info@stampcrete.com

Website: www.stampcrete.com

Emergency telephone number:

Emergency number CHEM-TEL 800-255-3924

2. Hazards Identification

GHS label elements, including precautionary statements:

Signal word: Danger

Pictogram(s):



Hazard statements

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Corrosive. Material can abrade skin and cause painful irritation of the eyes.

Avoid methods of use that cause dusts.

Effects of Short-Term (Acute) Exposure:

Inhalation: Dust may irritate the nose throat and upper respiratory tract causing coughing, laboured breathing, and dizziness.

Skin Contact: Corrosive to the skin, causing stinging in open cuts and sores. If contact is allowed to persist, redness caused by mild burns may occur.

Eye Contact: Corrosive to the eyes upon contact. In addition, irritation from "foreign" matter in the eye may cause scratching of the surface of the eye.

Ingestion: If ingested in large quantities, product may cause gastrointestinal disturbances including nausea, vomiting and abdominal pain.

Precautionary statement

Wear protective gloves/eye protection/face protection

Routes of Entry: (under normal conditions of use)

Skin Contact: Moderate Eye Contact: Moderate Ingestion: Moderate
Inhalation: Moderate

EMERGENCY OVERVIEW:

Effects of Long-Term (Chronic) Exposure:

This product contains a small quantity of crystalline silica, which has been listed as a suspected human carcinogen. Inhalation into the lungs may, in time, cause silicosis, pneumoconiosis, and pulmonary fibrosis. Repeated skin contact may cause dermatitis in normal skin, and may cause severe rashes in those predidposed to skin problems.

Medical Conditions Aggravated By Exposure:

Pre-existing respiratory and skin disorders.

HMIS® III (HAZARDOUS MATERIALS INFORMATION SYSTEM) HAZARD INDEX:

HEALTH: 2 - Temporary or minor injury may occur

FLAMMABILITY: 0 - Will not burn.

PHYSICAL HAZARD: 1 - Normally stable, but can become unstable at high temperatures and pressures. May react non-violently with water.

3. Composition

Component	% (w/w)	Exposure Limits
Silica, fumed, amorphous (CAS No.69012-64-2)	50-60	ACGIH TLV-TWA 2 mg/m ³
Silica, quartz (CAS No.14808-60-7)	1-5	ACGIH TVL-TWA 0.05 mg/m ³ (suspected human carcinogen, pulmonary fibrosis, silicosis)
Calcium oxide (CAS No. 1305-78-8)	30-40	ACGIH TLV-TWA 2 mg/m ³ (total respirable dust), irritation
Magnesium oxide (CAS No. 1309-48-4)		ACGIH TLV-TWA 10 mg/m ³ (total respirable dust), irritation
Calcium Sulphate (CAS No. 7778-18-9)		ACGIH TLV-TWA 10 mg/m ³ (total respirable dust), irritation
Iron Oxide pigment (CAS No. 1309-37-1)	1-10	ACGIH TLV-TWA 5 mg/m ³ (total respirable dust), pneumoconiosis

4. First Aid Measures

Inhalation: Take precautions to ensure your own safety before attempting rescue. Wear appropriate personal protective equipment and use the 'buddy' system. Remove victim to fresh air. If breathing has stopped, begin artificial respiration, or if the heart has stopped, begin cardiopulmonary resuscitation (CPR) immediately. Oxygen should be administered by a trained person. Ensure victim is completely at rest - allow no physical exertion. Immediately transport victim to an emergency medical facility if victims condition indicates.

Ingestion: Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or is convulsing. Have victim rinse mouth thoroughly with water. **Do not induce vomiting.** Have victim drink 300 mL (10 oz.) of water. If vomiting occurs naturally, have the victim

lean forward to reduce risk of aspiration. Repeat administration of water. Immediately transport to emergency medical facility.

Skin Contact: Avoid direct contact. Wear impervious protective gloves if necessary. Immediately flush contaminated areas with lukewarm, gently running water. If irritation occurs and/or persists, seek medical attention. Decontaminate clothing, shoes and leather goods before reuse or discarding.

Eye Contact: Immediately flush contaminated eye(s) with lukewarm, gently running water for at least 15 minutes while holding the eyelid(s) open. Take care not to rinse contaminated water into a non-affected eye. Neutral saline solution may be used for flushing if available. If eye irritation persists, transport victim to a medical facility.

General Comments: Provide general supportive measures (comfort, warmth, rest). Seek medical attention for all exposures except minor instances of inhalation or skin contact.

5. Fire Fighting Measures

Flash point:	Not applicable
Autoignition temperature:	Not applicable. See information under "Fire Fighting Instructions"
Lower Explosive Limit:	Not applicable
Upper Explosion Limit:	Not applicable
Sensitivity to Impact:	Not sensitive
Sensitivity to Static Discharge:	Not sensitive

Hazardous Combustion Products: None. See Hazardous Decomposition Products in Section 10, for information on thermal decomposition.

Extinguishing Media: No specific recommendation. Use media to suppress surrounding fire.

Fire Fighting Instructions: Wear adequate personal protective equipment. Use water to keep fire-exposed containers cool to prevent rupture.

6. Accidental Release Measures

Personal Protection: Evacuate unnecessary personnel from spill area and wear appropriate personal protective equipment.

Environmental Precautions: Implement spill control plan. Stop or reduce leak if safe to do so. Prevent from entering sanitary or storm sewers, waterways, or confined spaces.

Remedial Measures: Restrict access to area until completion of cleanup and ensure cleanup is conducted by trained personnel only. Use vacuum suction with HEPA filters to clean up spilled material. Use wet sweeping or a dust suppressant where sweeping is necessary. Collect spilled materials and place into appropriate containers for disposal. Do not allow water to contact material or penetrate containers.

7. Handling and Storage

Handling Procedures: When handling product, ensure that methods use do not create airborne dust. Keep containers closed when not in use, or when stored or not in use. Wash face and hands thoroughly after handling and before eating, drinking, or using tobacco products.

Storage: Store in a cool, dry, well-ventilated area. Store away from incompatible materials such as strong acids. Empty containers may contain hazardous residues. Keep storage area separate from populated work areas.

8. Exposure Controls, Personal Protection

Engineering Controls: Use general or local exhaust ventilation to maintain exposure below the exposure limits.

Respiratory Protection: If respiratory protection is required, NIOSH recommends for crystalline silica in air:

Up to 0.5 mg/m³: Any air purifying respirator with a high efficiency particulate filter.

Up to 1.25 mg/m³: Any powered, air-purifying respirator with a high efficiency particulate filter, or any supplied air respirator operated in a continuous flow mode.

Up to 2.5 mg/m³: Any air purifying, full facepiece respirator with a high efficiency particulate filter, or any powered, air purifying respirator with a tight fitting facepiece and a high efficiency particulate filter.

Up to 25 mg/m³: Any supplied air respirator operated in a pressure demand or other positive pressure mode, or any self contained breathing apparatus that has a full facepiece and is operated in a pressure demand or other positive pressure mode.

Skin protection: Wear leather or neoprene gloves with canvass backing and/or other protective clothing according to circumstances.

Eye and Face Protection: Eye protection is required. Chemical safety goggles are recommended. The wearing of contact lenses is not recommended.

Footwear: As required by worksite rules, but impervious.

Other: Have a safety shower and eye wash station readily available in the immediate work area.

9. Physical and Chemical Properties

Appearance: Various colors, powdered solid

Odor: Odourless

Odor Threshold: Not determined

pH: 10-11 (water supernatant)

Vapor Pressure: Nil

Solubility: Negligible

Vapor Density: Not applicable

Freezing Point Not applicable

Boiling Point: Not applicable

Critical Temperature: Not applicable

Relative Density: ≈ 2.2
(water = 1)

Partition Coefficient: No data

Evaporation Rate: Not applicable

10. Stability and Reactivity

Chemical Stability: Stable under normal conditions. Will react with water to produce polymerized silicates and calcium oxide.

Incompatibility: Avoid contact with strong acids.

Hazardous Decomposition Products: None known

Hazardous Polymerization: Will not occur

11. Toxicological Information

Acute Exposure: The theoretical LD₅₀ (rat/oral) for Color Hardener is not determined.

Chronic Exposure:	See Section 3.
Exposure Limits:	See Section 2.
Irritancy:	See Section 3.
Sensitization:	See Section 3.
Carcinogenicity:	No
Teratogenicity:	No
Reproductive toxicity:	Not available
Mutagenicity:	None
Synergistic products:	None reported.

12. Ecological Information

Environmental toxicity: Not expected to be toxic to aquatic life.

Biodegradability: No.

13. Disposal Considerations

Place used and contaminated material and packagings into suitable containers. Review and follow all local, state, and national regulations.

14. Transport Information

Department of Transport (49 CFR): Not regulated.

International Air Transport Association (IATA): Not regulated.

International Maritime Organization (IMO): Not regulated.

15. Regulatory Information

UNITED STATES – FEDERAL REGULATIONS:

TOXIC SUBSTANCES CONTROL ACT (TSCA): All components are listed in the inventory.

OSHA, 29 CFR 1910, Subpart Z: Meets the criteria for a hazardous substance under 1900.1000 for possible air contaminants.

CERCLA, 40 CFR 302: No ingredients listed

SARA 302, 40 CFR 355: No ingredients listed

SARA 313, 40 CFR 372: No ingredients listed

SARA 311/312, 40 CFR 370: Does not meet criteria

16. Other Information

SECTION 16. OTHER INFORMATION

Preparation Date: June 1, 2015

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Comments: This Safety Data Sheet was prepared using information provided by The Sealer Depot. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. The Sealer Depot expressly disclaims all expressed or implied warranties and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.