

Material Safety Data Sheet

HMIS SYMBOL		HMIS	NFPA	NFPA RATING		
HEALTH	2	SEVERE	4	EXTREME	FIRE	0
FLAMMABILITY	0	SERIOUS	3	HIGH	REACTIVITY	2
REACTIVITY	2	MODERATE	2	MODERATE	TOXICITY	2
		SLIGHT	1	SLIGHT	SPECIAL	b
		MINIMAL	0	INSIGNIFICANT		

May be used to comply with OSHA's Hazard Communication Standard (HCS), 29 CFR 1910, 1200. Standard must be consulted for specific requirements.

NE = Not Established; NA = Not Applicable		Evaluation for OSHA HCS		<input checked="" type="checkbox"/> Hazardous <input type="checkbox"/> Non-Hazardous	
I. GENERAL INFORMATION					
Product Name CEMENT OFF			Emergency Telephone Number 1-800-535-5053		
Chemical Family MIXTURE			Telephone Number for Information 210-663-0580		
Manufacturer TEAXAS COLOR-CRETE			Date Prepared: 4-4-03		
Manufacturer's Address: 10305 North I.H. 35			Signature of Preparer: Robert Levetan		
San Antonio, TX. 78233			Date Last Revised: 02-01-07		
II. HAZARDOUS INGREDIENTS					
Principal Hazardous Components				Threshold Limit Value (Units)	
Hydrochloric Acid (7647-01-0)				5 ppm (ceiling)	
III. PHYSICAL DATA					
Boiling Point	212° F	Specific Gravity (H ₂ O=1)	1.045		
Vapor Pressure (mm Hg)	NE	Percent Volatile By Volume	>90		
Vapor Density (Air=1)	>1	Evaporation Rate (H ₂ O=1)	~1		
Solubility in Water	Complete	pH	<1		
Appearance & Odor: Blue liquid with pleasant odor					
IV. FIRE & EXPLOSION HAZARD DATA					
Flash Point (Test Method) None					
Flammable Limits		LEL NA		UEL NA	
Extinguishing Media: Same as for surrounding materials					
Special Fire Fighting Procedures: Wear NIOSH/MSHA approved breathing apparatus for acid fumes when this product is involved in a fire.					
Unusual Fire & Explosion Hazards: Product exposed to high heat may generate toxic and corrosive acid vapors.					

V. HEALTH HAZARD DATA

OSHA Permissible Exposure Limit HCl – 5 ppm Ceiling

ACGIH Threshold Limit Value HCl = 5 ppm

Carcinogen - NTP Program NO

Carcinogen – IARC Program NO

Symptoms of Over Exposure: **INHALATION:** Sore throat, irritation, coughing, shortness of breath. **INGESTION:** Abdominal pain, diarrhea, stomach up set. **EYES:** Redness, irritation, blurred vision, pain. **SKIN:** Irritation.

Medical Conditions Aggravated by Exposure: Respiratory problems

Primary Route(s) of Entry: Ingestion, Skin contact.

Emergency First Aid: **INGESTION: DO NOT INDUCE VOMITING.** Rinse mouth and drink 1-2 glasses of water. **Get Immediate Medical Help.** **INHALATION:** Remove to fresh air, rest upright. If discomfort persists, **Get Medical Help.** **EYE CONTACT:** flush eyes immediately with water for 20 minutes, lifting both eyelids. **Get Medical Help.** **SKIN CONTACT:** Remove contaminated clothing. Flush skin with water and soap thoroughly. Wash clothing before reuse.

VI. REACTIVITY DATA

Stability

Unstable Stable

Conditions to Avoid: Extreme heat

Incompatibility

Materials to Avoid: Alkaline products, caustic, bleach.

Hazardous Polymerization

Yes No

Conditions to Avoid: NA

Hazardous Decomposition Products: HCl, organic vapors

VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: Wear protective equipment during clean up. Confine spill and reclaim as much product as possible by mopping or collecting on absorbant. Material. Collect in sealable containers. Sprinkle residue with soda ash or limestone to neutralize and flush neutral residue to drain.

Waste Disposal Method: Seal containers and dispose of at an approved waste disposal facility, or neutralize reclaimed liquid to a pH of 7-8 and release to drain as local regulations permit.

VIII. SPECIAL PROTECTION INFORMATION

Eye Protection: Goggles

Skin Protection: Rubber or plastic gloves

Respiratory Protection (Specific Type) OSHA approved respirator with acid cartridge if applying in confined areas with poor ventilation.

Ventilation Recommended
General Mechanical
Local Exhaust

Other Protection: NA

Hygienic Practices in Handling & Storage: Wash hands after handling. Do not contaminate food or feed stuff.

Precautions for Repair & Maintenance of Contaminated Equipment: NA

Other Precautions: Store in original container, below 120° F. Read all label precautions before using.