QUIKRETE®
CEMENT & CONCRETE PRODUCTS™

PENETRATING CONCRETE SEALER

MATERIAL SAFETY DATA SHEET
(Complies with OSHA 29 CFR 1910.1200)

SECTION I: PRODUCT IDENTIFICATION

The QUIKRETE® Companies
One Securities Centre
3490 Piedmont Road, Suite 1300
Atlanta, GA 30329

Emergency Telephone Number
(770) 216-9580

Information Telephone Number
(770) 216-9580

MSDS W2
Revision: Apr-09

QUIKRETE® Product Name	**Code #**
Waterproofing Sealer - Natural Look	8800-05

PRODUCT USE: PENETRATING SEALING COMPOUND FOR CONCRETE AND MASONRY

SECTION II - HAZARD IDENTIFICATION

Route(s) of Entry: Inhalation (aerosol), Ingestion, eyes, skin
Acute Exposure: May cause eye or skin irritation. May be harmful if swallowed.
Chronic Exposure: Repeated or prolonged skin contact may result skin sensitization. Vapor may be an irritant to the respiratory tract. Ingestion may cause irritation to the gastrointestinal tract.
Carcinogenicity: There are no carcinogenic ingredients present at or over 0.1% in this material. This material does not contain any reproductive toxins at or above OSHA or WHMIS reportable limits.
Medical Conditions Generally Aggravated by Exposure: Persons with impaired liver function may be more susceptible to the effects of ethanol.

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS No.	PEL (OSHA)
Octyltriethoxysilane	35435-21-3	5 ppm/mg/M^3
Polyethylmethoxysiloxane	68554-66-3	Not established

SECTION IV – First Aid Measures

Eyes: Immediately flush eye thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids. Call physician immediately.

Skin: Wash skin with cool water and pH-neutral soap or a mild detergent. Seek medical treatment if irritation or inflammation develops or persists.

Inhalation: Remove person to fresh air. Seek medical help if irritation persists.

Ingestion: If conscious, give several glasses of water but do not induce vomiting. DO NO attempt to give anything by mouth to an unconscious person. If vomiting does occur, give additional fluids. Get medical attention immediately.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Extinguishing Agents: Use methods appropriate for surrounding fire.
Fire and Explosion Hazards: This material will flash but does not sustain combustion.
Personal Protective Equipment: For fire fighting, wear self-contained breathing apparatus and full protective gear. Cool endangered containers with water.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Absorb spillages onto sand, earth or any suitable absorbent material. Sweep up and shovel into waste drums. Wash the spillage area with water. Washings must be prevented from entering surface water drains. Disposal should be in accordance with local, state or national legislation.
NOTE: Spilled emulsion is very slippery. Use care to avoid falls. Remove saturated clothing and wash contacted skin areas with soap and water.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Storage Temperature: 32 – 104^{o}F (0^{o}C – 40^{o}C)

Handling/Storage: Always stir well before use. Avoid extreme temperatures. Avoid formation of aerosols. This material should not be spilled, discharged, or flushed into sewers or public waterways. Product contains low level of organic volatiles which could accumulate in the un-vented headspace of drums or bulk storage vessels. Open drums in well-ventilated area, avoid breathing vapors.

SECTION VIII – EXPOSURE CONTROL MEASURES

Engineering Controls: Use local exhaust ventilation with a minimum capture velocity of 100 ft/min. (30 m/min.) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental

Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

Personal Protection: Respiratory protection is not normally required. Wear safety glasses with side shields. Protect against splashing. The use of neoprene or butyl rubber gloves is recommended. Gloves of other chemically resistant materials may not provide adequate protection. Clothing protection should be worn. Rubber boots and apron should be worn if exposure is severe. Remove contaminated clothing and launder before reuse.

Other Protective Equipment: Facilities storing or utilizing this material should be equipped with an eyewash facility.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Physical appearance: Thin white liquid with a slight odor
Solubility in Water: Completely miscible
Viscosity: ~12 mPa.s @ 77^{o}F (25^{o}C)
Density: 0.95 g/cm^{3}
Melting point: ~30° F (-1^{o}C) water
Boiling point: ~212°F (100°C) water
Flash point (EN 22719): 158^{o}F (70^{o}C)
Volatile Organic Content (VOC): <90 g/L

SECTION X - REACTIVITY DATA

Stability: This material is considered stable. However, avoid temperatures above 177^{o}C/350^{o}F, the onset of polymer decomposition. Thermal decomposition is dependent on time and temperature.

Hazardous Decomposition Products: Thermal decomposition may yield carbon dioxide, carbon monoxide, formaldehyde, silicon dioxide, nitrogen oxides and incompletely burnt hydrocarbons.

Hazardous Polymerization: Will not occur.

Incompatibility: Avoid contact with acids and alkalis. Reaction cause the formation of ethanol.

SECTION XI – TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, Ingestion
Toxicity to Animals:
LD50: Not Available
LC50: Not Available
Chronic Effects on Humans: Not established
Special Remarks on Toxicity: Unlikely to cause harmful effects under recommended conditions of handling and use

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity: Harmful to aquatic organisms.
BOD5 and COD: Bioaccumulation is not expected to occur.
Products of Biodegradation: Silicone content is biologically not degradable. The hydrolysis product (Ethanol) is readily biologically degradable.
Toxicity of the Products of Biodegradation: Not available
Special Remarks on the Products of Biodegradation: May cause long-term adverse effects in the aquatic environment. Prevent material from entering surface waters and soil.

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method: Disposal should be in accordance with local, state or national legislation. This product is not classified as a hazardous waste under the authority of the RCRA (40CFR 261) or CERCLA (40CFR 117&302).

SECTION XIV – TRANSPORT INFORMATION

DOT/UN Shipping Name: Non-regulated
DOT Hazard Class: Non-regulated
Shipping Name: Non-regulated
Non-Hazardous under U.S. DOT and TDG Regulations

SECTION XV – OTHER REGULATORY INFORMATION

SARA (Title III) Section 313: Not subject to reporting requirements
TSCA (May 1997): The components of this material are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory. This material does not contain any TSCA 12(b) regulated chemicals.
Federal Hazardous Substances Act: Is a hazardous substance subject to statues promulgated under the subject act
Canadian Environmental Protection Act: This material does not contain any CERCLA regulated chemicals.
Canadian WHMIS: Considered to be a class 'B3' hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and subject to the requirements of Health Canada's Workplace Hazardous Material Information (WHMIS). This product has been classified according to the hazard criteria of the Controlled Products Regulation (CPR). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

SECTION XVI – OTHER INFORMATION

Abbreviations:

ACGIH	American Conference of Government Industrial Hygienists
CAS	Chemical Abstract Service

CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
CFR	Code of Federal Regulations
CPR	Controlled Products Regulations (Canada)
DOT	Department of Transportation
IARC	International Agency for Research
MSHA	Mine Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicity Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value
TWA	Time-weighted Average
WHMIS	Workplace Hazardous Material Information System

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