

MSDS REPORT

PREPARATION DATE: 03/19/2009

SECTION	1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
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PRODUCT NAME : OXI SEAL CONCRETE / TILE AND PAVER SEALER

PRODUCT USER/CLASS : Specialty Chemical
 SUPPLIER : SiMiX
 9180 Prairie Village Dr.
 Kenosha, WI 53142, USA

EMERGENCY TELEPHONE NUMBER : Chemtrec (24-hours) 800-424-9300

PREPARER: Amy Vanderboom, PHONE : 414-438-8600

INITIAL PREPARATION DATE : 02/13/2006

SECTION	2 - COMPOSITION / INFORMATION ON INGREDIENTS
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SrNo	Chemical Name	CAS Number
1	Potassium silicate liquid	001312-76-1

-----EXPOSURE LIMITS-----

SrNo	ACGIH		OSHA		COMPANY	SKIN
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING		
1	N.E.	N.E.	N.E.	N.E.	N.E.	NO

SECTION	3 - HAZARDS IDENTIFICATION
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PRIMARY ROUTE(S) OF ENTRY :1. Skin Contact, 2. Skin Absorption, 3. Inhalation, 4. Ingestion, 5. Eye Contact

*** EMERGENCY OVERVIEW ***: Causes eye irritation. Causes skin irritation. Irritating to gastrointestinal tract. Inhalation irritant.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May cause moderate irritation with prolonged or repeated contact.

EFFECTS OF OVEREXPOSURE - INHALATION: May be irritating to the respiratory tract.

EFFECTS OF OVEREXPOSURE - INGESTION: Irritating to mouth, throat and stomach. May cause discomfort, nausea, vomiting, diarrhea, if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Not listed as a carcinogen by OSHA, IARC and NTP.

TARGET ORGANS: Skin Eyes Gastrointestinal Respiratory system

SECTION	4 - FIRST AID MEASURES
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FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

FIRST AID - SKIN CONTACT: Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION	5 - FIRE FIGHTING MEASURES
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FLASH POINT : N.D.

LOWER EXPLOSIVE LIMIT : N.D

AUTOIGNITION TEMPERATURE : N.D

UPPER EXPLOSIVE LIMIT : N.D.

EXTINGUISHING MEDIA : 1. CO₂, 2. Dry Chemical, 3. Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known.

SPECIAL FIREFIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire. Noncombustible material, use appropriate media for surrounding fire

SECTION	6 - ACCIDENTAL RELEASE MEASURES
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Follow all government regulations. Evacuate area of unprotected personnel. Eliminate all sources of ignition. Provide adequate ventilation. Neutralize spill. Use a weak base, such as soda ash, for acid spills and a weak acid, such as citric acid, for basic spills.

SECTION	7 - HANDLING AND STORAGE
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HANDLING: Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Wear safety glasses.

STORAGE: Keep container closed when not in use. Do not store near incompatibles. Do not store in aluminum, fiberglass, copper, brass, zinc, or galvanized containers. Storage temperature 0-95 degrees Celsius.

SECTION	8 - EXPOSURE CONTROLS / PERSONAL PROTECTION
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ENGINEERING CONTROLS: Good general ventilation should be sufficient to control airborne levels. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: : Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield. The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Nitrile rubber.

EYE PROTECTION: Wear chemical splash goggles. DO NOT WEAR CONTACT LENSES.

OTHER PROTECTIVE EQUIPMENT: Where splashing is possible, full chemically resistant protective clothing (e.g. acid suit) and boots are required. An eye-wash and safety shower should be present in the immediate area when handling this product.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid contact with eyes, skin, and clothing.

SECTION	9 - PHYSICAL AND CHEMICAL PROPERTIES
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BOILING RANGE : N.D.

FREEZE POINT : N.D

VAPOR DENSITY : Heavier Than Air

VAPOR PRESSURE : N.D

ODOR : N.D.

SPECIFIC GRAVITY : 1.10

ODOR THRESHOLD : N.D.

pH @ 100.0 % : 11.20

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SECTION	9 - PHYSICAL AND CHEMICAL PROPERTIES
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APPEARANCE : Slightly Hazy, Milky Liquid EVAPORATION RATE : Slower Than Butyl Acetate SOLUBILITY IN H2O : Soluble	PHYSICAL STATE : Liquid VISCOSITY : N.D COEFFICIENT OF WATER/OIL DISTRIBUTION: N.D
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SECTION	10 - STABILITY AND REACTIVITY
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CONDITIONS TO AVOID: None known.
 INCOMPATIBILITY: Acids
 HAZARDOUS DECOMPOSITION PRODUCTS: None Known.
 HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.
 STABILITY: This product is stable under normal storage conditions.

SECTION	11 - TOXICOLOGICAL PROPERTIES
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No product or component toxicological information is available.

SECTION	12 - ECOLOGICAL INFORMATION
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ECOLOGICAL INFORMATION: No product or component ecological information is available.

SECTION	13 - DISPOSAL CONSIDERATIONS
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DISPOSAL METHOD: Follow all federal, state, and local regulations. If approved, flush to sewer with large quantities of water.

SECTION	14 - TRANSPORTATION INFORMATION
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Not DOT Regulated

SECTION	15 - REGULATORY INFORMATION
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U.S. FEDERAL REGULATIONS: AS FOLLOWS -

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA Hazard Categories promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:
 ACUTE HAZARD

SARA SECTION 313 :

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

-----CHEMICAL NAME -----	CAS NUMBER	WT/WT % IS LESS THAN
No SARA SECTION 313 components exist in this product		

TOXIC SUBSTANCES CONTROL ACT :

The chemical substances in this product are on the TSCA Section 8 inventory

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from United States:

-----CHEMICAL NAME -----	CAS NUMBER
No information is available	

INTERNATIONAL REGULATIONS: AS FOLLOWS:-

CANADIAN WHMIS : This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS : No information available

SECTION	16 - OTHER INFORMATION
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HMIS RATINGS -	HEALTH : 2	FLAMMABILITY : 0	REACTIVITY : 0
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PREVIOUS MSDS REVISION DATE: 02/13/2006

REASON FOR REVISION : Reformat and update product name

REVISED BY: Julie Hrobar

LEGEND : N.A. - Not Applicable

N.E - Not Established

N.D. - Not Determined

DISCLAIMER

The information contained on this MSDS has been evaluated and should be accurate.
 However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.