


SAFETY DATA SHEET

SILOXANE WB

Section 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name:	Siloxane WB
Product Form:	Mixture
1.2 Product Use:	Water Repellent for Masonry and Concrete
1.3 Supplier/Manufacturer:	Umaco, Inc. 60 Rear Newhall Street Lowell, MA 01852 Phone: 978-453-8881
1.4 Emergency Number:	CHEMTREC (800) 424-9300

Section 2: HAZARDS IDENTIFICATION

2.1 Classification of the Chemical: Hazard Class: Skin Irritation	2 H315
2.2 Label Elements: Hazard Pictogram:	
Single Word:	Warning
Hazard Statement:	H315 - Causes skin irritation.
Prevention:	Do not get in eyes, on skin, or on clothing. Wear protective gloves.
Response: If on skin:	Wash with plenty of water/soap. If skin irritation persists get medical advice/attention..
Storage:	N/A
Disposal:	N/A
2.3 Additional Information: Hazards not otherwise classified:	N/A

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures:			
Ingredient	NJ Trade Secrets CAS #	Concentration	Classification
Triethoxyoctyl-Silane	2943-75-1	5%-15%	H315, 2, Skin Irrit.
Water	7732-18-5	> 85%	N/A

Isotridecanole Polyglycolic Ethers	9043-30-5	< 1%	H302, 4, Acut Tox., oral, H318, 1, Eye Dam
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The exact percentage (concentration) or chemicals has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

Section 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:	
Eye:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
Skin:	In case of contact, immediately flush skin with plenty of water. Call a physician if irritation develops and persists.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention.
Ingestion:	Seek medical advice and show this safety data sheet.
4.2 Most Important Symptoms & Effects both Acute & Delayed:	
Skin:	May cause skin irritation.
4.3 Indication of Any Immediate Medical Attention and Special Treatments Needed:	
Note to Physicians:	Symptoms may not appear immediately.
Specific Treatments:	Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media:	
Suitable Extinguishing Media:	Foam, carbon dioxide, dry powder, water spray
Unsuitable Extinguishing Media:	Full water jet
5.2 Special Hazards Arising From the Chemical:	
Products of Combustion:	Carbon monoxide, carbon dioxide, silicon dioxide
5.3 Special Protective Equipment and Precautions for Fire Fighters:	Do not enter confined fire space without proper protective equipment including a NIOSH/MSHA approved self contained breathing apparatus. Cool fire exposed containers, surrounding equipment and

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:	Use personal protective equipment.
6.2 Methods and Materials for Containment/Cleanup:	Take up with absorbent material (e.g. sand, universal binder). Dispose of absorbed material in accordance with the regulations.
6.3 Environmental Precautions:	Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil.

Section 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling:	
Advice on Safe Handling:	No special measures necessary if stored and handled as prescribed.
Handling:	No data available.
General Hygiene Advice:	No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift.
General Protective Measures:	Avoid contact with eyes and skin. Do not inhale gases, vapors or aerosols
7.2 Conditions for Safe Storage, Including Any Incompatibilities:	
Prevention of Fire and Explosion::	No special measures required.
Further Information on Storage Conditions:	Keep container tightly closed. KEEP FROM FREEZING!
Additional Shelf-Life Information:	Storage period up to 12 months.

Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control Parameters:	Contains no substances with occupational exposure limit values
8.2 Exposure Controls:	
Engineering Controls:	Good general (mechanical) ventilation should be sufficient to control airborne levels.
8.3 Individual Protective Measures:	
Personal Protective Equipment:	
Eye/Face Protection:	Use chemical resistant goggles or safety glasses with side shields.

Hand Protection:	<p>Examples of suitable gloves are those made by the company Kächele-Cama Latex GmbH, Am Kreuzacker 9, D-36124 Eichenzell, e-mail vertrieb@kcl.de, with subsequent specification (test according to EN374); specific workplace conditions must be separately taken into account.</p> <p>These recommendations apply only to the product mentioned in the material data safety sheet that we supply and the purpose that we indicate.</p> <p>Glove material: gloves made of nitril (NBR) Break through time: 480 min Glove thickness: 0.11 mm</p> <p>Glove material: gloves made of natural latex Break through time: 480 min Glove thickness: 0.5 mm</p> <p>Glove material: gloves made of chloroprene (CR, e.g. Neoprene) Break through time: 480 min Glove thickness: 0.65 mm</p> <p>Glove material: gloves made of butyl (IIR) Break through time: 480 min Glove thickness: 0.7 mm</p>
Body Protection:	No other protective clothing is required. Normal work clothing such as long pants and long sleeve are recommended.
Respiratory Protection :	In case of formation of aerosols or vapors, an organic vapor cartridge respirator may be used.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:	
Appearance:	Liquid
Color:	White
Odor:	Slight, typical
Odor Threshold:	Not measured
Physical State:	Liquid
pH:	6 - 9 (25 °C) Remarks: Delivered form
Viscosity:	No data available
Freezing Point:	No data available
Boiling Point:	Boiling point/range 212°F
Flash Point:	> 212°F
Evaporation Rate:	Not available

Flammability:	No data available
Vapor Pressure:	Not measured
Relative Vapor Density:	Not measured
Relative Density:	No data available
Melting Point:	Not measured
Lower Explosion Limit:	Not measured
Upper Explosion Limit:	Not measured
Solubility:	Not measured
Water Solubility:	Miscible
Partition coefficient (n-octanol/water):	Not measured
Auto-ignition Temperature:	Not measured
Thermal Decomposition:	Not measured
Explosive Properties:	Not measured
Oxidizing Properties:	Not measured
Density:	ca. 0.96 g/cm ³
Flow Time:	ca. 20 s (25°C) Method DIN EN 535 (4 mm)
Metal Corrosion:	Not measured
Ignition Temperature:	Not measured
Volatile Organic Compounds:	< 120 g/L

Section 10: STABILITY AND REACTIVITY

10.1 Reactivity:	See section "Possibility of hazardous reactions"
10.2 Chemical Stability:	Stable under normal conditions.
10.3 Possibility of Hazardous Reactions:	No dangerous reaction known under conditions of normal use, proper storage and handling.
10.4 Conditions to Avoid:	None
10.5 Incompatible Materials:	Unknown
10.6 Hazardous Decomposition Products:	If standing for a longer time, alcohol may be built by hydrolysis.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity (oral) : no data available

Acute toxicity (inhalation): no data available

Acute toxicity (dermal): no data available

Irritation/corrosion of the skin: no data available

Serious eye damage/eye irritation: no data available

Respiratory/skin sensitization: no data available

Repeated dose toxicity: no data available

CMR assessment

Carcinogenicity : no data available

Mutagenicity : no data available

Teratogenicity : no data available

Toxicity to reproduction: no data available

Carcinogenicity : Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

Specific Target: no data available

Organ Toxicity -
Single exposure

Specific Target: no data available

Organ Toxicity -
Repeated exposure

Aspiration hazard : No Aspiration toxicity classification

Other information : Irritant to skin

Section 12: ECOLOGICAL INFORMATION

Ecotoxicology Assessment

Acute aquatic toxicity : no data available

Chronic aquatic toxicity: no data available

12.1. Toxicity

Aquatotoxicity, fish : no data available

Aquatotoxicity, invertebrates: no data available

Aquatotoxicity, algae/aquatic plants: no data available

Toxicity in microorganisms: no data available

Chronic toxicity in fish : no data available

Chronic toxicity in aquatic Invertebrates: no data available

Toxicity in organisms which live in the soil: no data available

Toxicity in terrestrial plants: no data available

Toxicity to Above-Ground Organisms: no data available

12.2. Persistence and degradability

Photodegradation : no data available

Biological degradability: no data available

Physico-chemical removability: no data available

Biochemical Oxygen Demand (BOD): no data available

Chemical Oxygen Demand (COD): no data available

Relation of BOD/COD : no data available

Dissolved organic carbon (DOC): no data available

Adsorbed organic bound halogens (AOX): no data available

Distribution among environmental compartments: no data available

12.3. Bioaccumulative potential

Bioaccumulation : no data available

12.4. Mobility in soil

Environmental distribution: no data available

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment: no data available

12.6. Other adverse effects

General Information : Do not allow to enter soil, waterways or waste water canal.

Section 13: DISPOSAL CONSIDERATION

13.1 Waste Treatment Methods:	
Disposal Method:	In accordance with local authority regulations, take to special waste incineration plant
Contaminated Packaging:	If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

Section 14: TRANSPORTATION INFORMATION

14.1 UN Number:	Not Regulated
14.2 UN Proper Shipping Name:	Not Applicable
14.3 Transport Hazard Class (ES):	Not Applicable
14.4 Packing Group:	Not Applicable
14.5 Environmental Hazards:	Not Applicable
14.6: Transport in Bulk According to Annex II or Marpol 73/78 and the IBC Code:	Not Applicable

14.7 Special Precautions for User:

Do not handle until all safety precautions have been read and understood

Section 15: REGULATORY INFORMATION

Canada:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation and the (M)SDS contains all information required by the Controlled Products Regulation

Canada : WHMIS CLASSIFICATION

Class D, Division 2, Subdivision B

This product contains component(s) that are listed on the WHMIS Ingredient Disclosure List.

Cyclotetrasiloxane, 2,2,4,4,6,6,8,8-
octamethyl- 556-67-2

US regulations:

SARA Title III Section: Acute Health Hazard
311/312 Hazard
Categories

Other regulations : CTFA: complies

State Right to Know : No components subject to "Right-To-Know" legislation in the following States:
NJ, PA, MA and RI

SARA 313: This product contains no SARA Title III, Section 313 listed chemicals.

California Proposition: Notification: No

65 Statement: This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

TSCA lists :

TSCA 12B - Yes

- 3(2H)-Isothiazolone, 2-methyl- (CAS-No.: 2682-20-4)

TSCA 8D - Yes

- Polydimethylsiloxanediol (CAS-No.: 70131-67-8)
- Octamethylcyclotetrasiloxane (CAS-No.: 556-67-2)
- Cyclohexasiloxane, dodecamethyl (CAS-No.: 540-97-6)
- Decamethylcyclopentasiloxane (CAS-No.: 541-02-6)

HMIS Ratings

Health: 2

Flammability: 1

Reactivity: 0

Personal Protection: X

Notification status

USA (TSCA) : listed/registered or exempte

Canada (DSL) : listed/registered or exempted

Section 16: OTHER INFORMATION

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