

**Silblock(TM) WMS masonry water repellent
Organosilane Ester/Emulsion in water****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Manufacturer Name: Momentive Performance Materials - (Shanghai) Co., Ltd.
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Shanghai 020 200131

Revised: 07/31/2014
Prepared by Product Safety Team
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Chemical Family/Use: Coatings

Formula: Mixture

HMIS

Health: 2 Flammability: 1 Reactivity: 0

NFPA

Health: 2 Flammability: 1 Reactivity: 0

2. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

CAUTION! Irritating to eyes, respiratory system and skin. Harmful if swallowed.

Form: Liquid

Color: White

Odor: Faint

POTENTIAL HEALTH EFFECTS**INGESTION**

Harmful if swallowed.

SKIN

May cause skin irritation.

INHALATION

May cause irritation to the respiratory system.

EYES

May cause irritation.

MEDICAL CONDITIONS AGGRAVATED

None known.

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No data available.

ROUTES OF EXPOSURE

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION	CAS-No.	WGT. %
<u>A. HAZARDOUS</u>		
Organoalkoxysilane	Trade secret	30 - 60 %
Hydrocarbon solvent	Trade secret	10 - 30 %
Ethoxylated Alcohol	Trade secret	1 - 5 %
Diethanolamine	111-42-2	0.1 - 1 %
<u>B. NON-HAZARDOUS</u>		
Water	7732-18-5	30 - 60 %

4. FIRST AID MEASURES**INGESTION**

If swallowed, do NOT induce vomiting. Give a glass of water.

SKIN

Wash the skin immediately with soap and water. Contact physician if irritation continues.

INHALATION

Move to fresh air. Get medical attention if symptoms persist.

EYES

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician for specific advice.

NOTE TO PHYSICIAN

No specific antidote Treatment is symptomatic and supportive.

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5. FIRE-FIGHTING MEASURES

FLASH POINT: > 94 °C; 201 °F. does not flash
SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE
Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA
All standard extinguishing agents are suitable.

SPECIAL FIRE FIGHTING PROCEDURES
Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section. Warn other workers of spill. Keep unauthorized personnel away.

ENVIRONMENTAL PRECAUTIONS
Do not allow runoff to sewer, waterway or ground.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Avoid contact with skin and eyes. Keep out of reach of children. Attention: Not for injection into humans.

STORAGE
Keep container tightly closed in a cool, well-ventilated place. Store in original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS
Eyewash bottle with clean water.; Provide eyewash station and safety shower.

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If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

PROTECTIVE GLOVES

Wear protective gloves.

EYE AND FACE PROTECTION

Safety glasses with side shields; Monogoggles

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines

<u>Component</u>	<u>CAS-No.</u>	<u>Source</u>	<u>Value</u>
Diethanolamine	111-42-2	ACGIH, TWA	0.46 ppm; 2 mg/m ³
Diethanolamine	111-42-2	ACGIH,	Listed.
Diethanolamine	111-42-2	ACGIH, TWA	Inhalable fraction and vapor. 1 mg/m ³
Diethanolamine	111-42-2	ACGIH, SKIN_DES	Inhalable fraction and vapor. Can be absorbed through the skin.
Ethanol	64-17-5	OSHA Z1, PEL	1,000 ppm; 1,900 mg/m ³
Ethanol	64-17-5	ACGIH, STEL	1,000 ppm

Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average; INTL REL - Internal Recommended Exposure Limit

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9. PHYSICAL AND CHEMICAL PROPERTIES

VAPOR DENSITY (AIR=1):	No data available.
PHYSICAL STATE:	Liquid
ODOR:	Faint
Color:	White
EVAPORATION RATE (BUTYL ACETATE=1):	No data available.
SPECIFIC GRAVITY:	0.92
DENSITY:	0.92 g/cm ³

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ACID / ALKALINITY (MEQ/G):	No data available.
pH:	8.2
SOLUBILITY IN WATER (20 C):	Soluble
VOC EXCL. H2O & EXEMPTS (G/L):	439 g/l

10. STABILITY AND REACTIVITY**STABILITY**

Stable

HAZARDOUS POLYMERIZATION.

Hazardous polymerisation does not occur.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon oxides; This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and has been classified by the National Toxicology Program as a known human carcinogen. An (M)SDS for formaldehyde is available from Momentive.

INCOMPATIBLE MATERIALS

Strong Acids, Strong Bases

CONDITIONS TO AVOID

Avoid frost.

11. TOXICOLOGICAL INFORMATION**ACUTE ORAL**

Remarks: No data available.

ACUTE DERMAL

Remarks: No data available.

ACUTE INHALATION

Remarks: No data available.

OTHER

No data available.

SENSITIZATION

No data available.

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SKIN IRRITATION.

No data available.

EYE IRRITATION

No data available.

MUTAGENICITY

No data available.

12. ECOLOGICAL INFORMATION**ECOTOXICOLOGY**

Ecotoxicological data for this product is not available.

13. DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION**Further Information:**

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. REGULATORY INFORMATION**Inventories**

Australia Inventory of Chemical Substances (AICS)	y (positive listing)
EU list of existing chemical substances	y (positive listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)	y (positive listing)
China Inventory of Existing Chemical Substances	y (positive listing)
Korea Existing Chemicals Inventory (KECI)	y (positive listing)

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Canada DSL Inventory y (positive listing)
Canada NDSL Inventory n (Negative listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS) y (positive listing)
TSCA list y (positive listing)

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

US Regulatory Information**SARA (311,312) HAZARD CLASS**

Acute Health Hazard

CALIFORNIA PROPOSITION 65

Warning! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Canadian Regulatory Information**WHMIS CLASSIFICATION**

- Not reviewed.

16. OTHER INFORMATION**OTHER**

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

,C = ceiling limit NEGL = negligible
EST = estimated NF = none found
NA = not applicable UNKN = unknown
NE = none established REC = recommended
ND = none determined V = recommended by vendor
SKN = skin TS = trade secret
R = recommended MST = mist
NT = not tested STEL = short term exposure limit
ppm = parts per million ppb = parts per billion

By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2).