



## SILANE/SILOXANE - ULTRAGUARD

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** SILANE/SILOXANE Ultraguard

**Manufacturer:** Ultratex Wall Cladding & Coating Pty Ltd

**Street Address:** 15A, Malcolm Crt, Kealba VIC 3021 Australia

**Telephone Number:** +61 3 9364 4489

**Product Use:** SILAN SILOXANE

**Emergency Telephone:** 131 126

### SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

	HMIS	HAZARD STATEMENTS
Health	1	<b>WARNING!</b>
Flammability	0	Direct contact may cause skin/Eye irritation.
Reactivity	0	<b>PRECAUTIONARY STATEMENTS</b>
Personal Protection		Avoid direct contact.

### SECTION 3: HAZARDS COMPONENTS

<u>Chemical Name:</u>	<u>Weight</u>	<u>Vapor Pressure (mm Hg@20°C)</u>	<u>(@25°C)LEL</u>
1. Organic Silane	5-10	23 hPa	N/A

*N/A = Not Applicable*

### SECTION 4: EMERGENCY AND FIRSTAID PROCEDURES

**EYE CONTACT:** Immediately flush eyes with water for fifteen (15) minutes. If symptoms persist, seek medical attention.

**SKIN CONTACT:** Remove contaminated shoes/clothing. Wipe excess from skin and flush with water for fifteen (15) minutes. If symptoms persist, seek medical attention. Do not reuse clothing until thoroughly decontaminated.

**INHALATION:** Not anticipated to be an exposure route. If symptoms develop move victim from exposure source and into fresh air. Treat symptomatically.

**INGESTION:** Not anticipated to be an exposure route. If ingested and vomiting occurs keep the victims head below the hips to prevent lung aspiration. Seek immediate medical attention.

**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC:** See Section Eleven for Symptoms/Effects.



### SECTION 5: FIRE AND EXPLOSIVES HAZARDS

**FLASHPOINT:** >210 °F

**EXTINGUISHING MEDIA:** Water fog, foam, dry chemical or carbon dioxide.

**CHEMICAL/COMBUSTION HAZARDS:** Water base product. None recognized.

**PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT:** Avoid direct contact. Use safety glasses and chemical resistant gloves.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Dike and contain. Utilize appropriate personal protective equipment. Recover free product and absorb residues with an appropriate absorbent. Place in non-leaking marked containers for disposal.

### SECTION 7: HANDLING AND STORAGE

**SAFE HANDLING PROCEDURES:** Avoid direct contact.

**SAFE STORAGE:** Keep containers closed when not in use. Protect product from freezing.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Chemical Name:</u>	<u>PEL</u>	<u>OSHA</u>		<u>SKIN</u>	<u>TWA</u>	<u>ACGIH</u>
		<u>PEL/CEILING</u>	<u>PEL/STEL</u>			<u>TLV/CEILING</u>
1. Organic Silane	N/A	N/A	N/A	N/A	N/A	N/A

*N/A = Not Established*

**ENGINEERING CONTROLS:** None required under normal use conditions.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses, chemical-resistant gloves.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** 212 °F

**VAPOR DENSITY:** Not Applicable % **VOLATILE BY VOLUME:** Not Established

**EVAPORATION RATE:** <1 (Ether=1)

**pH LEVEL:** 7.5%

**VOLATILE BY WEIGHT:** >95% (Approximate)

**WEIGHT PER GALLON:** 8.27

**PRODUCT APPEARANCE:** Opaque Liquid

**VOC CONTENT:** 55 g/L

**ODOR:** Mild Organic

**ODOR THRESHOLD:** N/D

**MELTING/FREEZING POINT:** N/D

**FLASH POINT:** See Section 5

**FLAMMABILITY:** See Section 5

**UEL/LEL:** N/D

**VAPOR PRESSURE:** N/D

**RELATIVE DENSITY:** N/D

**SOLUBILITY:** N/D

**PARTITION COEFFICIENT:** N/D  
N/D

**AUTOIGNITION TEMPERATURE:** N/D **DECOMPOSITION TEMPERATURE:**

**VISCOSITY:** N/D

*N/D: Not Determined*

### SECTION 10: STABILITY/REACTIVITY

**STABILITY:** Stable.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS AND MATERIALS TO AVOID:** None recognized.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.



### SECTION 11: TOXICOLOGICAL INFORMATION

**EYE CONTACT:** Direct contact may cause mild to moderate irritation.

**SKIN CONTACT:** Direct contact may cause mild irritation. Prolonged contact may also cause irritation.

**INHALATION:** Not anticipated to be an exposure route. Exposure to aerosols/mists may irritate the respiratory tract.

**INGESTION:** Not expected to be an exposure route. Ingestion may cause irritation of the digestive tract.

**SIGNS AND SYMPTOMS:** Symptoms of eye irritation include pain, tearing, redness, and swelling. Symptoms of skin irritation include rash, redness and swelling. Respiratory irritation symptoms include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function. Symptoms of gastrointestinal irritation include sore throat, nausea, abdominal pain, vomiting, and diarrhea.

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin, eye, and respiratory disorders may be aggravated by product exposure.

**OTHER HEALTH EFFECTS:** None recognized.

### SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY:** N/A

**DEGRADABILITY:** N/A

**OTHER ADVERSE EFFECTS:** N/A

**BIOACCUMULATIVE POTENTIAL:** N/A

**SOIL MOBILITY:** N/A

### SECTION 13: WASTE DISPOSAL INFORMATION

**WASTE DISPOSAL INFORMATION:** Non-Hazardous material for waste disposal purposes.

### SECTION 14: TRANSPORTATION INFORMATION

**HAZARDOUS/NON-HAZARDOUS MATERIAL:** Non-hazardous.

**UN NUMBER:** None.

**HAZARD CLASS:** None.

**PACKING GROUP:** None.

**ENVIRONMENTAL HAZARDS:** None recognized.

**BULK TRANSPORTATION INFORMATION:** Not applicable. Product not shipped in bulk configuration.

### SECTION 15: REGULATORY INFORMATION

**OTHER REGULATORY CONSIDERATIONS:** None.