

## Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

### Product Identifier

Identification as on the label/Trade name:

Tile and Grout Nanocoat

### Relevant identification uses of the substance and uses advised against:

Identified Uses:

Tile and Grout Nanocoat Waterproof Agent

Uses advised against:

No Other uses are advised.

### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

GLASSGUARD AUSTRALIA PTY LTD  
U11, 10-14 LILIAN FOWLER PLACE  
MARRICKVILLE NSW 2204  
+61421-702-643

### EMERGENCY CONTACT TELEPHONE NUMBER

+61421-702-643

## Section 2: Hazards Identification

### CLASSIFICATION OF THE SUBSTANCES OR MIXTURE

The mixture is classified according to:

Globally Harmonized System for the classification and labeling of Chemicals (GHS)

Hazard Classes/Hazard Categories:

Eye Irritation (Category 2B)  
Skin irritation (Category 3)

### LABEL ELEMENTS

Hazard Pictogram:

Signal Word:

### Hazard Statements:

H316 May cause skin irritation  
H320 May cause eye irritation

Precautionary Statements:

P102: If medical advice is needed, have the product container or label on hand.  
P102: Keep out of reach of children.

Response:

P305 + P351 + P338 IF IN EYES; Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P317 If skin or eye irritation persists: Get medical help.  
Do not inhale or swallow.

## Section 2 Continued: Hazards Identification

**Hazard on flammability:** Keep away from ignition sources such as heat/sparks/flame. Hydrolysis of the product generates small amount of ethanol, which is flammable.

## Section 3: Composition/Information on Ingredients

### Substance / Mixture

Tile and Grout Nanocoat

#### Ingredients:

SUBSTANCE NAME (IUPAC/EC)	CAS-No.	CONCENTRATION % BY WEIGHT
	EC-No.	
Silicohydride	7803-62-5	18-20
Siloxane	17928-28-8	3-5
Water		75-76

## Section 4: First Aid Measures

### DESCRIPTION OF FIRST AID MEASURES

**In case of inhalation:** If breathed in, move person to fresh air. Get medical attention if symptoms persist or worsen.

**In case of skin contact:** Flush skin with luke warm water for at least 15 minutes. In case where symptoms worsen or induce allergic reaction, seek medical attention.

**In case of eye contact:** Do not rub eyes. Flush eyes thoroughly with water for 15 minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing. Get medical attention if symptoms persist.

**In case of Ingestion:** Drink small amounts of water repeatedly. Do not induce vomiting. Seek Medical attention.

## Section 5: Fire-Fighting Measures

### EXTINGUISHER MEDIA

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide..,

Advice for fire-fighters: Evacuate area and contact emergency services. Wear full protective equipment including self contained breathing apparatus (SCBA) when combating fire.

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures:

Remove possible ignition sources. Prevent spilled material entering waterways, sewer, basements or external soil.

### Methods for containment and cleaning up:

Use proper material, like infusorial earth, to block leakage of liquid. Do not use water to flush materials. Retain any polluted water. Put in container with indicative mark and siapose of according to local laws.

## Section 7: Handling and Storage

### Precautions for safe handling:

Avoid contact with skin and eyes. Do not directly inhale the vapors. Prevent leakage to avoid slip hazard. Avoid contact with heat, sparks, flame and other ignition sources.

### Conditions for safe storage, including incompatibilities:

Store in original container only, in a cool, dry place in a tempertaure below 60°C. Keep containers tightly closed.  
**Specific end uses:** Do not apply direct heat. Use only as directed.

## Section 8: Exposure Controls and Personal Protection

### Control parameters:

**Occupational exposure limits:** Skin contact: 8 hours time weighted Average (TWA).

### Exposure:

**Appropriate engineering controls:** Ensure adequate ventilation during use.

### Individual protection measures, such as personal protective equipment:

**Respiratory protection:** Wear PPE approved half-face mask with filter.

**Skin protection:** Wear chemical and oil resistant clothing and protective chemical resistant gloves.

**Eye protection:** Use chemical workers goggles.

**General protective and hygiene measures:** Do not smoke, eat or drink while using this product. Follow general good hygiene practices.

## Section 9: Physical and Chemical Properties

### Information on basic physical and chemical properties:

**Appearance (Form):** Liquid.

**Colour:** Clear

**Odor:** None

**Boiling point/range (°C):** 100°C/212F

**Flashpoint (°C):** >100°C/212F

**Evaporation rate:** No data available.

**Flammability:** No data available.

**Danger of explosion:** No data available.

**Upper/lower explosive limits:** No data available.

**Vapor pressure:** No data available.

**Vapor density:** (Air = 1)

**PH Value:** 7

**Water solubility:** Water soluble.

## Section 10: Stability and Reactivity

**Reactivity:** No specific test data related to reactivity is available for this product or its ingredients.

**Chemical Stability:** Stable under normal conditions of use and storage.

**Possibility of hazardous reactions:** Don't mix with alcohol or acid.

**Conditions to avoid:** Avoid all possible sources of ignition (spark or flame).

**Incompatible materials:** Reacts to acid, alkaline to generate Ethanol.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11: Toxicological Information

### Information on toxicological effects:

**Inhalation:** Minimally Toxic; Irritative to skin and respiratory passage, but negligible hazard at ambient/normal handling temperatures.

**Ingestion:** Can be harmful if repeated digested in large amounts.

**Skin: Toxicity:** Minimally Toxic. Moderate irritation to skin due to prolonged exposure.

**Eye:** Irritative. May cause moderate, short-lasting discomfort to eyes.

Vapor/aerosol concentrations above recommended exposure levels are irritating to eyes, and respiratory tract. May cause headaches, dizziness, drowsiness, unconsciousness and other central nervous system effects. Prolonged and/or repeated exposure to skin may cause irritation. Repeated long inhalation of digestion may harm health.

## Section 12: Ecological Information

### **Environmental Effects:**

Acute/chronic effects: Considered harmful to aquatic organisms

Bio-degradation: Hydrolysis resultants: Ethanol, Silanol and solixane compounds, Can be removed by absorption.

Bio-accumulation: No bio-accumulation potential.

Migration in soil: Organic silicon ingredients are absorbed by floating granules, and separated by sedimentation.

## Section 13: Disposal Considerations

**Waste treatment methods:** Dispose of in accordance with local regulations.

**Product/packaging disposal:** Dispose of in accordance with local regulations.

## Section 14: Transport Information

**RAIL (RID):** Non Hazardous substance.

**LAND (TDG):** Non hazardous substance.

**SEA (IMDG):** Non hazardous substance according to IMDG-Code.

**AIR (IATA):** Non hazardous substance.

## Section 15: Regulatory Information

### Safety, health and environmental regulations/legislation for the mixture:

**EU regulations:** Regulation EC 1272/2008 [EU-GHS/CLP].

**Relevant information regarding restrictions:** None known.

#### **US Regulations:**

**SARA title III Section 302/304 Extremely Hazardous Substance:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA title III Section 311/312 Hazard Categorization:** Acute Health Hazard.

**SARA title III Section 313 Supplier Information:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) report in levels established by SARA Title III, Section 13.

**CERCLA Section 102(a) Hazardous Substance:** This material does not contain any chemical components with CERCLA reportable quantities.

**California Proposition 65:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

#### **Australia Regulations:**

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP):** Not Scheduled.

**Applicable prohibitions and notifications/licensing requirements:** Not listed.

**Agricultural and Veterinary Chemicals Act:** Not listed.

**GHS Hazardous Chemical Information List:** Not listed.

**Chemical Safety Assessment Carried out:** No.

## Section 16: Other Information

**Training Instructions:** Use as instructed.

**Further Information:** This information is based upon the present state of our knowledge.

This SDS has been compiled and is solely intended for this product.

Notice to reader: Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.