

# TRULUX SAFETY DATA SHEET

Provides critical information about hazardous chemicals.

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## 1.1 COMPANY IDENTIFICATION

Company's Name: Trulux Pty Ltd  
Email address: [info@trulux.com.au](mailto:info@trulux.com.au)  
Website: [www.trulux.com.au](http://www.trulux.com.au)  
Contact number: +61 (02) 9975 2655  
Address: C3/ 1-3 Rodborough Rd, Frenchs Forest NSW 2086 Australia

## 1.2 PRODUCT IDENTIFICATION

Trade name: Gransil PSQ  
Reference number: RMTR-0267A  
Classification: Refer to clause 2

## 1.3 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified uses: Raw Material  
Uses advised against: No further information available.

## 1.4 DETAILS OF THE SUPPLIER OF THE SUBSTANCE INFORMATION SHEET

Supplier's Company: Trulux Pty Ltd  
Website: [www.trulux.com.au](http://www.trulux.com.au)  
Address: C3/ 1-3 Rodborough Rd, Frenchs Forest NSW 2086 Australia

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**Trade Name:** Gransil PSQ  
**TR Ref. Number:** RMTR-0267A

**Doc:** RMSDS - Gransil PSQ  
**Rev.:** 02  
**Rev. Date:** 03/12/2021

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## 1.5 EMERGENCY CONTACTS – INSTITUTIONAL CENTRES

Australia

Poisons Information Centre 13 11 26

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## 2 HAZARDS IDENTIFICATION

### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 5 Inhalation

### GHS Label Elements, Including Precautionary Statements

#### GHS Signal Word:

WARNING

#### GHS Hazard Pictograms:

No GHS pictograms indicated for this product.

#### GHS Hazard Statements:

May be harmful if inhaled.

#### May be harmful if inhaled

P284 - Wear respiratory protection.

### Hazards not Otherwise Classified (HNOC) or not Covered by GHS

#### Route of Entry:

Possible eye, ingestion, skin or dust inhalation.

#### Inhalation:

Use respiratory protection unless adequate local exhaust ventilation is provided. Prolonged inhalation may cause respiratory irritation.

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## 3 COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Einecs	Concentration (%)
Polymethylsilsesquioxane	68554-70-1	Polymer	Proprietary

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## 4 FIRST AID MEASURES

Inhalation:	Remove victims to fresh air. Seek medical attention if respiratory irritation or distress occurs.
Ingestion:	Call a physician immediately. Do not induce vomiting without medical advice.
Skin contact:	Wash affected areas with soap and water. Consult with a physician if irritation persists.
Eye contact:	Flush eyes with water for at least 15 minutes. Consult with a physician if irritation persists.

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## 5 FIRE FIGHTING MEASURES

Flammability:	Non-flammable - dust hazard.
Suitable extinguishing media:	Water, CO <sub>2</sub> , dry chemical, foam.
Special Fire Fighting:	Use self-contained breathing apparatus, due to possible generation of toxic fumes.

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## 6 ACCIDENTAL RELEASE MEASURES

Sweep or vacuum to remove and dispose of in accordance with federal, state, and local laws.

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## 7 HANDLING AND STORAGE

Handling Precautions: Use with adequate ventilation to prevent dust formation avoid eye and inhalation.

Storage Requirements: Keep containers closed.

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## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Maintain air concentrations in work spaces in accord with standards outlined in sections 2 and 3.

Personal Protective Equipment: HMIS PP, T | Dust Respirator

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	White
Physical State:	Powder
Odour:	typical
Molecular Formula:	CH <sub>3</sub> Si(O) <sub>3/2</sub>
Particle Size:	typical 4-6 micron average, not a nano material.
Solubility:	Insoluble powder
Specific Gravity or Density:	see Bulk density
Percent Volatile:	< 1 %
Potentia Hydrogenii:	6 - 8 a 2% dispersion in 1:1 water:methanol
Volatile organic compound:	not VOC
Bulk Density:	0.61 g/cm <sup>3</sup>
Molecular weight:	infinite as solid

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## 10 STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Conditions to Avoid Identification:	Avoid combustion sources when dust is present. Use with adequate ventilation.
Hazardous Decomposition:	Possible oxides of and carbon.
Hazardous Polymerization:	Will not occur.

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## 11 TOXICOLOGICAL INFORMATION

Grant Industries has not conducted any animal testing on Gransil PSQ.

We rely on the following peer reviewed toxicological information for CAS #68554-70-1 [polysilsesquioxane].

EUROPEAN FOOD CONTACT: SCF\_List: 3\*

Complies <1mg/kg residual monomer.

Primary Ocular Irritation:	Non-irritating. Primary irritation index: 0.0. (rabbit)
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Acute Oral Toxicity:	LD50 >6000 mg/kg (rats).
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Dermal Sensitization:	Negative (Guinea pig).
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Mutagenicity (Ames Test):	Negative.
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## 12 ECOLOGICAL INFORMATION

Environmental Fate and Distribution:	No specific information is available. Silicate derivative, ultimate fate to sand.
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## 13 DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose in accordance with local, state and federal laws.

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## 14 TRANSPORT INFORMATION

### Road shipment information (US 49 CFR 172.101 and EU ADR)

#### **NON-BULK**

Proper Shipping Name: Not regulated.

#### **BULK**

Proper Shipping Name: Not regulated.

### TRANSPORTATION INFORMATION-IMO/IMDG CODE (OCEAN)

Not subject to IMDG code.

### TRANSPORTATION INFORMATION-ICAO/IATA (AIR)

Not subject to IATA regulations.

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## 15 REGULATORY AND OTHER INFORMATION

Safety, health and environmental regulations specific for the mixture or substance:

**Contents of this SDS comply with the OSHA Hazard Communication Standards 29CFR 1910.1200**

**EPA SARA Title III Chemical Listings:**

Section 302 Extremely Hazardous Substances: None

Section 312 Hazard Class

Acute: No

Chronic: No

Fire: No

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Pressure: No

Reactive: No

Section 313 Toxic Chemicals: None present or none present in regulated quantities.

## EU info:

This product is not considered dangerous according to 99/45/EC as amended.

This SDS is compliant according to Regulation (EC) No. 1907/2006.

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## 16 OTHER INFORMATION

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition or other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user.

This sheet completes the technical sheets but it does not replace them. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied is made and Trulux Pty Ltd assumes no legal responsibility or liability whatsoever resulting from its use. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product.

This listing must not be considered exhaustive. It does exonerate the user from ensuring that other legal obligations than those mentioned do not exist, relating to the use and storage of the product for which he solely is responsible.

The information and recommendations contained herein are to the best of the manufacturer's knowledge and belief accurate and reliable as of the date indicated. No representation warranty or guarantee, however, is made with regard to accuracy, reliability or completeness. Conditions of use of the material are under the control of the user; therefore, it is the user's responsibility to satisfy itself as to the suitability and completeness of such information for its own particular use.

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