

# Safety Data Sheet

in accordance with EPA and WORKSAFE regulations

Print date: 18.08.2023

Revision date: 18.08.2023

## 1 Identification of the substance or mixture and of the supplier

**Product Name:** MAXISIL MEMBRANE

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:** Silicone sealant

**Details of Importer:**

Tilers Mate  
33 Fairfax Avenue,  
Penrose, Auckland, New Zealand

**Details of Manufacturer:**

Maxisil  
55 Lakewood Boulevard  
Carrum Downs VIC 3201  
Australia

**Phone Number:** +64 8 0085 6283

**Emergency telephone number:** +64 8 0085 6283

## 2 Hazards identification

**Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Health and Safety at Work (Hazardous Substances) Regulations 2017, New Zealand. Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2020 Transport of Dangerous Goods on Land.



Environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



Skin Sensitisation 1 H317 May cause an allergic skin reaction.

**Signal Word** Warning

**Hazard Statements**

H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

**Precautionary Statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P321 Specific treatment (see on this label).  
P391 Collect spillage.  
P501 Dispose of contents/container in accordance with local/regional/national regulations.

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## 3 Composition/Information on ingredients

### Chemical Characterization: Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

#### Hazardous Components:

CAS: 37859-55-5	2-Pentanone, O,O',O''-(methylsilyldiylne)trioxime ⚠ STOT RE 2, H373; ⚠ Eye Irritation 2, H319; Aquatic Chronic 3, H412	<5%
CAS: 1170315-90-8	2-Pentanone, O,O',O''-(phenylsilyldiylne)trioxime ⚠ Acute Toxicity (Oral) 4, H302; Eye Irritation 2, H319	<2.5%
CAS: 919-30-2	3-Aminopropyltriethoxysilane ⚠ Skin Corrosion/Irritation 1C, H314; Eye Damage 1, H318; ⚠ Acute Toxicity (Oral) 4, H302	<1%
CAS: 26530-20-1	2-Octyl-2H-isothiazol-3-one ⚠ Acute Toxicity (Dermal) 3, H311; Acute Toxicity (Inhalation) 3, H331; ⚠ Skin Corrosion/Irritation 1C, H314; Eye Damage 1, H318; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ⚠ Acute Toxicity (Oral) 4, H302; Skin Sensitisation 1, H317	<0.1%

#### Non Hazardous Components:

Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics	<5%
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## 4 First aid measures

**Inhalation:** If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.

#### Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if irritation persists.

#### Eye Contact:

In case of eye contact, rinse with water for several minutes, including under eyelids. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if irritation persists.

#### Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

#### Symptoms Caused by Exposure:

Inhalation: No adverse health effect expected.

Skin Contact: May cause skin irritation. May cause an allergic skin reaction.

Eye Contact: May cause eye irritation.

Ingestion: May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

## 5 Fire fighting measures

**Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Specific Hazards Arising from the Chemical:

Hazardous combustion products include unidentified potentially toxic gases.

Product is not flammable.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Prevent run-off from fire fighting entering drains or water courses.

#### Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

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## 6 Accidental release measures

### Personal Precautions, Protective Equipment and Emergency Procedures:

Wear protective equipment. Keep unprotected persons away. Take care as spill may cause a slip hazard.

### Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses. Inform respective authorities in case of seepage into water course or sewage system.

### Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

## 7 Handling and storage

### Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

### Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from heat and direct sunlight.

## 8 Exposure controls/personal protection

### Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Engineering Controls:** Ensure adequate ventilation of the working area.

**Respiratory Protection:** Respiratory protection is not required under normal use conditions.

### Skin Protection:

Natural rubber gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

### Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9 Physical and chemical properties

### Appearance:

<b>Form:</b>	Paste
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	No information available

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<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	No information available
<b>Flammability (solid, gas):</b>	Not applicable
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	No information available
<b>Vapour Pressure:</b>	No information available
<b>Relative Density:</b>	No information available
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Insoluble
<b>Partition Coefficient (n-octanol/water):</b>	No information available
<b>Viscosity:</b>	No information available

## 10 Stability and reactivity

**Possibility of Hazardous Reactions:** No dangerous reactions known under conditions of normal use.

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

**Conditions to Avoid:** Heat and direct sunlight.

**Incompatible Materials:** No further relevant information available.

**Hazardous Decomposition Products:** Unidentified potentially toxic gases.

## 11 Toxicological information

**Toxicity:**

**LD50/LC50 Values:**

**CAS: 26530-20-1 2-Octyl-2H-isothiazol-3-one**

Oral	LD50	550 mg/kg (Rattus norvegicus (rat))
Dermal	LD50	4.22 mg/kg (Rattus norvegicus (rat))
Inhalation	LC50/4 h	0.58 mg/l (Rattus norvegicus (rat))

**Acute Health Effects**

**Inhalation:** No adverse health effects expected.

**Skin:** May cause skin irritation. May cause an allergic skin reaction.

**Eye:** May cause eye irritation.

**Ingestion:** May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** May cause an allergic skin reaction.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:**

Based on classification principles, the classification criteria are not met.

This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

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**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

**Chronic Health Effects:** No data associated with long term health effects.

**Existing Conditions Aggravated by Exposure:** No data available.

## 12 Ecological information

**Ecotoxicity:**

**Aquatic toxicity:** Toxic to aquatic life with long lasting effects.

**Persistence and Degradability:** No data available on finished product.

**Bioaccumulative Potential:** No data available on finished product.

**Mobility in Soil:** No data available on finished product.

**Other adverse effects:** No further relevant information available.

## 13 Disposal considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 Transport information

**UN Number** Not regulated

**Proper Shipping Name** Not regulated

**Dangerous Goods Class** Not regulated

**Packing Group:** Not regulated

## 15 Regulatory information

**HSNO Approval Code / Group Standard:**

Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020

HSNO Approval Number: HSR002670

**New Zealand Inventory of Chemicals** All ingredients are listed.

## 16 Other information

**Date of Preparation or Last Revision:** 18.08.2023

**Prepared by:** MSDS.COM.AU Pty Ltd

[www.msds.com.au](http://www.msds.com.au)

**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

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WES: Workplace Exposure Standard

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

Acute Toxicity (Dermal) 3: Acute toxicity – Category 3

Skin Corrosion/Irritation 1C: Skin corrosion/irritation – Category 1C

Eye Damage 1: Serious eye damage/eye irritation – Category 1

Eye Irritation 2: Serious eye damage/eye irritation – Category 2

Skin Sensitisation 1: Skin sensitisation, Hazard Category 1

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term (Chronic). Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

**Disclaimer**

This SDS is prepared in accord with the New Zealand Chemical Industry Council document 'Code of Practice (No. HSNO CoP 8-1 09-06)' and Hazardous Substances (Safety Data Sheets) Notice 2020.

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