

# 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 A

**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 Corrosion/Irritation 2    H315 Causes skin irritation.  
Eye Irritation 2                      H319 Causes serious eye irritation.  
Skin Sensitisation 1                H317 May cause an allergic skin reaction.

**Signal Word** Warning

**Hazard Statements**

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
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.  
P264                      Wash thoroughly after handling.  
P272                      Contaminated work clothing should not be allowed out of the workplace.  
P273                      Avoid release to the environment.  
P280                      Wear protective gloves / eye protection / face protection.  
P302+P352                IF ON SKIN: Wash with plenty of water.  
P305+P351+P338        IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P362+P364                Take off contaminated clothing and wash it before reuse.

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|           |   |
|-----------|---|
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention.                      |
| P321      | Specific treatment (see on this label).   |
| P337+P313 | If eye irritation persists: Get medical advice/attention.                             |
| P391      | Collect spillage.   |
| P501      | Dispose of contents/container in accordance with local/regional/national regulations. |

### 3 Composition/Information on ingredients

#### Chemical Characterization: Mixtures

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

#### Hazardous Components:

|                 |  |       |
|-----------------|--|-------|
| CAS: 4253-34-3  | Methyltriacetoxysilane<br>⚠ Skin Corrosion/Irritation 1C, H314; Eye Damage 1, H318; ⚠ Acute Toxicity (Oral) 4, H302  | <2.5% |
| CAS: 17689-77-9 | Ethyltriacetoxysilane<br>⚠ Skin Corrosion/Irritation 1B, H314; Eye Damage 1, H318  | <2.5% |
| CAS: 26530-20-1 | 2-Octyl-2H-isothiazol-3-one<br>⚠ 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% |

### 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. Give 1-2 glasses of water to drink in small sips. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

#### Symptoms Caused by Exposure:

Inhalation: May cause respiratory irritation.

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

Eye Contact: Causes serious 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.

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

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

**6 Accidental release measures****Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours or mists. Ensure adequate ventilation.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**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 and inhalation of vapours or mists. 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:**

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Nitrile 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:**

Safety glasses with top and side shields or goggles. See Australian/New Zealand Standards AS/NZS 1336 and 1337 for more information.

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## 9 Physical and chemical properties

### Appearance:

|  |                                    |
|--|------------------------------------|
| Form:                                    | Paste                              |
| Colour:                                  | According to product specification |
| Odour:                                   | Pungent                            |
| Odour Threshold:                         | No information available           |
| pH-Value:                                | No information available           |
| Melting point/freezing point:            | No information available           |
| Initial Boiling Point/Boiling Range:     | No information available           |
| Flash Point:                             | No information available           |
| Flammability (solid, gas):               | Not applicable                     |
| Auto-ignition Temperature:               | No information available           |
| Decomposition Temperature:               | No information available           |
| Explosion Limits:                        |                                    |
| Lower:                                   | No information available           |
| Upper:                                   | No information available           |
| Vapour Pressure:                         | No information available           |
| Relative Density:                        | No information available           |
| Vapour Density:                          | No information available           |
| Evaporation Rate:                        | No information available           |
| Solubility in Water:                     | Insoluble                          |
| Partition Coefficient (n-octanol/water): | No information available           |
| Viscosity:                               | 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: 4253-34-3 Methyltriacetoxysilane

|      |      |   |
|------|------|---|
| Oral | LD50 | 1,600 mg/kg (Rattus norvegicus (rat)) (OECD Test Guideline 401) |
|------|------|---|

#### CAS: 17689-77-9 Ethyltriacetoxysilane

|      |      |                                     |
|------|------|-------------------------------------|
| Oral | LD50 | 380 mg/kg (Rattus norvegicus (rat)) |
|------|------|-------------------------------------|

#### 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:** May cause respiratory irritation.

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

**Eye:** Causes serious eye irritation.

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**Ingestion:** May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.**Skin Corrosion / Irritation:** Causes skin irritation.**Serious Eye Damage / Irritation:** Causes serious eye irritation.**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.**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.

**CAS: 17689-77-9 Ethyltriacetoxysilane**

EC50/48 h 62 mg/l (Daphnia magna (water flea))

LC50/96 h 251 mg/l (Danio rerio (zebra fish))

**Persistence and Degradability:** Not readily biodegradable.**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

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## 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  
WES: Workplace Exposure Standard  
Acute Toxicity (Oral) 4: Acute toxicity – Category 4  
Acute Toxicity (Dermal) 3: Acute toxicity – Category 3  
Skin Corrosion/Irritation 1B: Skin corrosion/irritation – Category 1B  
Skin Corrosion/Irritation 1C: Skin corrosion/irritation – Category 1C  
Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2  
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  
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

**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.

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Tilers Mate makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.