Maxisil

SAFETY DATA SHEET

according to HSNO Act 1996

Printing date 28.11.2018 Revision: 28.11.2018

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: MAXISIL A

Other Means of Identification: Mixture

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

Details of Manufacturer or Importer:
Supplied in New Zealand by:
Tilers Mate
33 Fairfax Avenue,
Penrose, Auckland, New Zealand

Manufactured by Maxisil
55 Lakewood Boulevard, Carrum Downs
VIC 3201

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 New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.


corrosion

Serious Eye Damage/Irritation 1 H318 Causes serious eye damage.

Skin Corrosion/Irritation 2 H315 Causes skin irritation.

HSNO Classification
6.3A - Substances that are irritating to the skin.
8.3A - Substances that are corrosive to ocular tissue.

Signal Word Danger

Hazard Statements
H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary Statements

P264	Wash hands thoroughly after handling.
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.
P310	Immediately call a POISON CENTER/doctor.
P321	Specific treatment (see on this label).
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.

(Contd. on page 2)

SAFETY DATA SHEET

according to HSNO Act 1996

Printing date 28.11.2018 Revision: 28.11.2018

Product Name: MAXISIL A

(Contd. of page 1)

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:		
CAS: 17689-77-9	Ethyltriacetoxysilane Skin Corrosion/Irritation 1B, H314; Serious Eye Damage/Irritation 1, H318; Acute Toxicity (Oral) 4, H302	<2.5%
CAS: 4253-34-3	Silanetriol, methyl-, triacetate Skin Corrosion/Irritation 1A, H314; Serious Eye Damage/Irritation 1, H318; Acute Toxicity (Oral) 4, H302; STOT SE 3, H335	<2.5%

Additional information:
Contains the active agent biocide 4,5-dichloro-2-octyl-2H-isothiazol-3-one to protect against mould. This ingredient may cause an allergic reaction in some people.
In curing the material generates acetic acid. This may cause irritating effects to skin, eyes or respiratory system.

4 . FIRST AID MEASURES

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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 symptoms occur.

Eye Contact:
In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion:
If swallowed, do not induce vomiting. Rinse out mouth and then drink plenty of water in small amounts. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:
Inhalation: No adverse health effects expected.
Skin Contact: Causes skin irritation. May cause an allergic skin reaction.
Eye Contact: Causes serious eye damage.
Ingestion: No adverse health effects expected.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media:
Carbon dioxide, dry chemical powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Specific Hazards Arising from the Chemical:
Formation of toxic gases is possible during heating or in case of fire.
At temperatures above 150 °C small quantities of formaldehyde are formed.
This product is not flammable or explosive, but may decompose in a fire.
Containers close to fire should be removed only if safe to do so.

Special Protective Equipment and Precautions for Fire Fighters:
When fighting a major fire wear self-contained breathing apparatus and protective equipment.

(Contd. on page 3)

SAFETY DATA SHEET

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Printing date 28.11.2018 Revision: 28.11.2018

Product Name: MAXISIL A

(Contd. of page 2)

6 . ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:
Wear approved respiratory protection, chemical resistant gloves, safety goggles, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. 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. Ensure good ventilation at the workplace.
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 in original container tightly closed. Protect from direct sunlight and heat.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:	
CAS: 64-19-7 Acetic acid	
WES	STEL: 37 mg/m³, 15 ppm TWA: 25 mg/m³, 10 ppm (Formed during curing)

Engineering Controls:
Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

Respiratory Protection:
Use 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, natural rubber or viton 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.

(Contd. on page 4)

SAFETY DATA SHEET

according to HSNO Act 1996

Printing date 28.11.2018 Revision: 28.11.2018

Product Name: MAXISIL A

(Contd. of page 3)

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:	
Form:	Paste
Colour:	According to product specification
Odour:	Pungent
Odour Threshold:	Not determined.
pH-Value:	Not determined.
Melting point/freezing point:	Not determined
Initial Boiling Point/Boiling Range:	Not determined
Flash Point:	Not applicable
Flammability:	Product is not flammable.
Auto-ignition Temperature:	Product is not self-igniting.
Decomposition Temperature:	Not determined.
Explosion Limits:	
Lower:	Not applicable
Upper:	Not applicable
Vapour Pressure:	Not determined.
Relative Density at 20 °C:	1.03
Vapour Density:	Not determined.
Evaporation Rate:	Not determined.
Solubility in Water:	Insoluble

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: No further relevant information available.

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

Conditions to Avoid: Direct sunlight and strong heating.

Incompatible Materials: No further relevant information available.

Hazardous Decomposition Products:
Formation of toxic gases is possible during heating or in case of fire.
At temperatures above 150 °C small quantities of formaldehyde are formed.

11 . TOXICOLOGICAL INFORMATION

Toxicity:
LD_{50}/LC_{50} Values Relevant for Classification: No information available

Acute Health Effects
Inhalation: No adverse health effects expected.
Skin: Causes skin irritation. May cause an allergic skin reaction.
Eye: Causes serious eye damage.
Ingestion: Ingestion is not considered a potential route of exposure.

Skin Corrosion / Irritation: Causes skin irritation.

Serious Eye Damage / Irritation: Causes serious eye damage.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

(Contd. on page 5)

SAFETY DATA SHEET
according to HSNO Act 1996

Printing date 28.11.2018 Revision: 28.11.2018

Product Name: MAXISIL A

(Contd. of page 4)

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

Carcinogenicity: 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 information available

Existing Conditions Aggravated by Exposure: No information available

12 . ECOLOGICAL INFORMATION

Ecotoxicity: No further relevant information available.

Aquatic toxicity: No further relevant information available.

Persistence and Degradability: Product is not biodegradable.

Bioaccumulative Potential: No further relevant information available.

Mobility in Soil: No further relevant information available.
Other adverse effects: Slightly hazardous for water.

13 . DISPOSAL CONSIDERATIONS

Disposal Methods and Containers:
Dispose according to applicable local and state government regulations.
Already cured material can be disposed of with the domestic or commercial waste.
Unconsumed material (fluid, paste-like) is to dispose of as hazardous waste.

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:
Construction Products (Subsidiary Hazard) Group Standard 2017
HSNO Approval Number: HSR002544

New Zealand Inventory of Chemicals

All ingredients are listed.

16 . OTHER INFORMATION

Date of Preparation or Last Revision: 28.11.2018

(Contd. on page 6)

SAFETY DATA SHEET

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Printing date 28.11.2018 Revision: 28.11.2018

Product Name: MAXISIL A

(Contd. of page 5)

Prepared by: MSDS.COM.AU Pty Ltd 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)
LC_{50}: Lethal concentration, 50 percent
LD_{50}: 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
Skin Corrosion/Irritation 1A: Skin corrosion/irritation – Category 1A
Skin Corrosion/Irritation 1B: Skin corrosion/irritation – Category 1B
Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2
Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Disclaimer
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