



Safety Data Sheet

according to WHS Regulations

Printing date 29.10.2018

Revision: 29.10.2018

1 Identification

Product Name: MAXISIL M

Other Means of Identification: Mixture

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

Details of Manufacturer or Importer:

Maxisil
55 Lakewood Boulevard, Carrum Downs
VIC 3201

Phone Number: 1300 157 207

Emergency telephone number: National Poison Information Centre: 13 11 26

2 Hazard(s) Identification

Hazardous Nature:

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified, according to the Globally Harmonised System (GHS).

Signal Word Void

Hazard Statements Void

3 Composition and 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''-(methylsilyldiyl)trioxime ⚠ STOT RE 2, H373; ⚠ Serious Eye Damage/Irritation 2A, H319; Aquatic Chronic 3, H412	<2.5%
CAS: 22984-54-9	2-Butanone, O,O',O''-(methylsilyldiyl)trioxime ⚠ Acute Toxicity (Oral) 4, H302; Acute Toxicity (Dermal) 4, H312; Acute Toxicity (Inhalation) 4, H332; Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2A, H319; STOT SE 3, H335	<2.5%
Non Hazardous Components:		
CAS: 64742-46-7	Distillates (petroleum), hydrotreated middle	<5%

Additional information:

Mixture of polydimethylsiloxane, filler, auxiliaries and oximosilane crosslinker.

Contains the active agent biocide carbendazim (ISO) to protect against mould infestation.

Contains mixture of butanone oximosilanes and butanone oxime, 3-aminopropyltriethoxysilane. May produce an allergic reaction.

Note N: The classification as a carcinogen need not apply if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen. This note only applies to certain complex oil-derived substances in Annex I. (CAS No. 64742-46-7)

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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. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Skin Contact: May cause mucous membranes and skin irritation. May cause an allergic skin reaction.
Eye Contact: May cause eye irritation.

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.

Product does not present an explosion hazard.

During the application of the product pentan-2-one oxime (CAS: 623-40-5) is released. It causes serious eye irritation. If pentan-2-one oxime is breathed in high concentrations over a long period (e.g. in case of insufficient ventilation), it might cause irreversible health defects.

During the application of the product methyl ethyl ketoxime (96-29-7) is released. It might affect the mucous membrane of the nose by long time exposition. If methyl ethyl ketoxime is breathed in high concentrations over a long period (e.g. in case of insufficient ventilation), it might cause irreversible health defects.

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, 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.

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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: 67-56-1 Methanol**

NES	STEL: 328 mg/m ³ , 250 ppm TWA: 262 mg/m ³ , 200 ppm Sk
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Engineering Controls:

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

Maximum concentration at workplace recommended by producer: methyl ethyl ketoxime CAS: 96-29-7, product of hydrolysis) = 3 ppm .

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.

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:

Characteristic

Odour Threshold:

Not determined.

pH-Value:

Not determined.

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Melting point/freezing point:	Not determined
Initial Boiling Point/Boiling Range:	Not determined
Flash Point:	Not applicable
Flammability:	Not applicable.
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:	1.23
Vapour Density:	Not determined.
Evaporation Rate:	Not determined.
Solubility in Water:	Insoluble
Partition Coefficient (n-octanol/water):	Not determined.

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:

Acute Health Effects

Inhalation: No adverse health effects expected.

Skin: May cause mucous membranes and skin irritation. May cause an allergic reaction.

Eye: May cause eye irritation.

Ingestion: Ingestion is not considered a potential route of exposure.

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

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.

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Chronic Health Effects:

If pentan-2-one oxime and methyl ethyl ketoxime are breathed in high concentrations over a long period (e.g. in case of insufficient ventilation), they might cause irreversible health effects.

Existing Conditions Aggravated by Exposure: No information available

12 Ecological Information

Ecotoxicity: No information available

Aquatic toxicity: No information available

Persistence and Degradability: Product is not biodegradable.

Bioaccumulative Potential: No information available

Mobility in Soil: No 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

Australian Inventory of Chemical Substances:

CAS: 22984-54-9 2-Butanone, O,O',O''-(methylsilylidyne)trioxime

CAS: 37859-55-5 2-Pentanone, O,O',O''-(methylsilylidyne)trioxime

CAS: 64742-46-7 Distillates (petroleum), hydrotreated middle

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Not Scheduled.

16 Other Information

Date of Preparation or Last Revision: 29.10.2018

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)

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

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

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

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

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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

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

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016”

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