

# SAFETY DATA SHEET

According to Safe Work Australia

Printing date 22.07.2016

Revision: 22.07.2016

## 1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**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  
 204 Boneo Road  
 Rosebud VIC 3939

**Phone Number:** +61 3 5986 6366

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

## 2 . HAZARDS 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:**

37859-55-5	2-Pentanone, O,O',O''-(methylsilyldiyl)trioxime <span style="color: red;">⚠</span> STOT RE 2, H373; <span style="color: red;">⚠</span> Eye Irrit. 2A, H319; Aquatic Chronic 3, H412	<2.5%
22984-54-9	butan-2-one O,O',O''-(methylsilyldiyl)trioxime <span style="color: red;">⚠</span> Acute Tox. (Oral) 3, H301; Acute Tox. (Dermal) 3, H311; <span style="color: red;">⚠</span> Acute Tox. (Inhalation) 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	<2.5%

**Non Hazardous Components:**

64742-46-7	Distillates (petroleum), hydrotreated middle	<5%
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**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)

## 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.

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**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.

### 7 . HANDLING AND STORAGE

**Precautions for Safe Handling:**

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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:****67-56-1 Methanol**

NES	STEL: 328 mg/m <sup>3</sup> , 250 ppm TWA: 262 mg/m <sup>3</sup> , 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:**

<b>Form:</b>	Paste
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic
<b>Odour Threshold:</b>	Not determined.
<b>pH-Value:</b>	Not determined.
<b>Melting point/Melting range:</b>	Not determined
<b>Initial Boiling Point/Boiling Range:</b>	Not determined
<b>Flash Point:</b>	Not applicable

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<b>Flammability:</b>	Not applicable.
<b>Auto-ignition Temperature:</b>	Product is not self-igniting.
<b>Decomposition Temperature:</b>	Not determined.
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure:</b>	Not determined.
<b>Relative Density at 20 °C:</b>	1.23
<b>Vapour Density:</b>	Not determined.
<b>Evaporation Rate:</b>	Not determined.
<b>Solubility in Water:</b>	Insoluble
<b>Partition Coefficient (n-octanol/water):</b>	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.

**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.

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**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:**

22984-54-9	butan-2-one O,O',O''-(methylsilylidyne)trioxime
37859-55-5	2-Pentanone, O,O',O''-(methylsilylidyne)trioxime
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:** 22.07.2016**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)

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)

Acute Tox. (Oral) 3: Acute toxicity, Hazard Category 3

Acute Tox. (Inhalation) 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

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STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard 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 - December 2011"

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