



# Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

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Issued: 12-Jun-12

MSDS : 738

## CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

### 1. Identification of the substance/preparation and company

Product:

#### Sikasil C AP

Recommended use:

Neutral cured mildew resistant silicone sealant.

Manufacturer/supplier information:

Manufacturer/supplier:	Sika Australia Pty Ltd
Street/postbox:	55 Elizabeth Street
Town/city and Post Code:	WETHERILL PARK NSW 2164
Country:	AUSTRALIA
Phone:	(02) 9725 1145
Fax:	(02) 9725 3330
General information	Operations Manager

Emergency information phone: 1800 033 111

### 2. Hazard identification

Xn	Harmful
Xi	Irritant

#### R Phrases

R38/36/43.	Irritating to eyes and skin. May cause sensitization by skin contact
R21/40/41	Harmful in contact with skin. Limited evidence of carcinogenic effects. Risk of serious damage to eyes.
R65	Harmful; may cause lung damage if swallowed.

#### S Phrases

S24/25	Avoid contact with skin and eyes.
R37/38/39	Wear suitable protective clothing, gloves and eye/face protection.

### 3. Composition/information on ingredients

Filled silicone polymer

Hazardous ingredients:

Ingredients:	CAS No	Concentration
Petroleum distillates, hydrotreated	64742-46-7	10-30%
Methyl-0,0,0-butan-on-trioxime silane	22984-54-9	1- 10%
Butane 2-on-oxime	96-29-7	1- 10%
Poly dimethyl siloxane	67923-07-3	1 -10%

### 4. First-aid measures

Inhalation:

Remove to fresh air. Seek medical advice if irritation or other symptoms persist.

Skin contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.



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## Eye contact:

If in eyes, hold eyelids apart and flush the eyes continuously with running water for at least 15 mins. Seek medical advice if irritation or other symptoms persist.

## Ingestion:

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766). Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

## Notes to physician:

Treat symptomatically.

## 5. Fire-fighting measures

### Specific hazards:

In the event of fire nitrogen oxides can be released

### Special protective precautions and equipment:

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

### Suitable extinguishing media:

If material is involved in a fire use water fog (or if unavailable fine water spray, alcohol resistant foam, and dry agent (carbon dioxide, dry chemical powder).

## 6. Accidental release measures

### Spills and Disposal

Ensure adequate ventilation. Wear protective equipment to prevent skin and eye contamination. Collect with absorbent material (sand, sawdust, general purpose binder) and seal in properly labelled containers or drums for disposal.

Do not allow to enter drains or waterways.

In case of entry into waterways, soil or drains, inform responsible authorities.

## 7. Handling and storage

### Handling:

Avoid skin and eye contact. Use in well ventilated areas. Wear personal protective equipment when handling product.

### Storage:

Store in sealed containers in a cool place dry well ventilated place when not in use. Store away from sources of ignition and incompatible materials such as oxidizing agents.. Keep away from food, beverages and animal feedstock.

## 8. Exposure controls/personal protection

### National occupational exposure limits:

No exposure standards have been established for this product.

However for

TWA

Butanone-2- Oxime - 3ppm

### Biological Limit Values:

As per the "National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]" the ingredients in this material do not have a Biological Limit Allocated.



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## Engineering measures:

Ensure ventilation is adequate to maintain air concentrations. Natural ventilation should be adequate under normal use conditions.

## Personal protection equipment:

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.

Wear overalls, chemical goggles and impervious gloves. Due to variations in glove construction and local conditions, the user should make an assessment of the appropriate gloves to use. Wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

## 9. Physical and chemical properties

### Appearance:

Physical state: I Paste  
Colour: Transparent & white

### Data relevant to safety

Density (20 °C): 1.00- 1.25 g/cm<sup>3</sup>  
PH 7  
Solubility in water –Hydrolytic decomposition occurs. Product displays acidic reaction with water  
Explosion limits for released acetic acid – 4-17%(V)

## 10. Stability and reactivity

### Chemical stability:

This material is thermally stable when stored and used as directed.

### Conditions to avoid:

Moisture

### Materials to avoid:

None known

### Hazardous decomposition products

By hydrolysis of Butanone 2- oxime. Small amounts of formaldehyde has been detected at temperatures above 150°C.

## 11. Toxicological information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

### Acute Effects:

Inhalation: May cause lung damage.

Skin contact: May cause irritation and sensitization.

Eye contact: May cause serious damage to eyes.

Ingestion: May cause health disorders.



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Acute toxicity(LD50/LC50-values relevant to classification)

Exposition	Value/Value range	Species	Source
Oral	>2009 mg/kg	rat	Conclusion by analogy
Dermal	.2009 mg/kg	rat	Conclusion by analogy

## Further Toxicological Information

Classification based on ingredients: Limited evidence of a carcinogenic effect.

Product(s) of hydrolysis: Under the effect of moisture the product releases butanone -2-oxime which vapourises. Butanone-2 Oxime is damaging to nasal membranes in rats and mice at a concentration in excess of 10ppm over a prolonged period of time. An increase in liver tumours has been observed in rats and mice in life long and high level exposure to inhalation. At a concentration of 15ppm there were no liver tumours. According to our present state of knowledge the product is not mutagenic.

## 12. Ecological information

Avoid contaminating waterways.

Ecotoxicity:

No information available.

Persistence and degradability:

Biologically not degradable.

Mobility:

In cross linked state not soluble in water.

## 13. Disposal considerations

Refer to State/Territory Land Waste Management Authority.

## 14. Transport information

ADG/ADR/RID

Not classified as Dangerous Goods by the criteria of the ADG Code.

IMDG

Not classified as Dangerous Goods by the criteria of the IMDG Code for transport by sea.

IATA

Not classified as Dangerous Goods by the criteria of the IATA Dangerous Goods Regulations for transport by air.

## 15. Regulatory information

Poisons Schedule (Aust):

Not scheduled.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. Other information

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy. MSDS may be obtained from the following website: [www.sika.com.au](http://www.sika.com.au)

The information contained in this Safety Date Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to any use and processing.