



# Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

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Revised: 29-Apr-10

MSDS No: 018

## CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

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

Product:

#### Sikadur 31/41 Part B Normal

Recommended use:

Epoxy adhesive mortar

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. Composition/information on ingredients

Chemical characterization:

Filled modified polyamine

Hazardous ingredients:

Ingredient	CAS No	Concentration
Benzyl alcohol	100-51-6	1 -10%
Cyclohexanemethanamine	2855-13-2	1 -10%
Triethylenetetramine	112-24-3	1-10%
2,4,6 Tris(dimethyl aminomethyl)phenol	90-72-2	1-10%
Silica	14808-60-7	> 60

### 3. Hazard identification

Hazard Category:

Xn Harmful

C Corrosive

Risk Phrase(s):

R20/21/22: Harmful by inhalation, by contact with skin and if swallowed.

R34: Causes burns.

R43: May cause sensitisation by skin contact.

Safety Phrase(s):

S2 Keep out of reach of children.

S24/25: Avoid contact with skin and eyes.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell, seek medical advise immedietly.

### 4. First-aid measures

Inhalation:

Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have a qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek immediate medical advice. Seek medical advice if effects persist.



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## Skin contact:

For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

## Eye contact:

Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

## Ingestion:

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766). Immediately 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. Get to a doctor or hospital quickly.

## Notes to physician:

Treat symptomatically. Effects may be delayed. Can cause corneal burns.

## 5. Fire-fighting measures

### Specific hazards:

Combustible material. On burning may emit oxides of carbon and nitrogen.

### Special protective precautions and equipment:

On burning may emit toxic fumes. 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), foam, dry agent (carbon dioxide, dry chemical powder).

## 6. Accidental release measures

### Small Spills:

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

### Large spills:

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

## 7. Handling and storage

### Handling:

Avoid skin and eye contact and inhalation of vapour.

### Storage:

Store in a cool, dry, well-ventilated place and out of direct sunlight.  
Store away from incompatible materials described in Section 10.  
Keep containers closed when not in use - check regularly for leaks.



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## 8. Exposure controls/personal protection

National occupational exposure limits:

No value assigned for this specific material by the NOHSC Australia.

However for:

	TWA	STEL	CARCINOGEN	NOTICES	
	ppm	mg/m3	ppm	mg/m3	CATEGORY
Silica		0.1			

As published by the NOHSC Australia.

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.

Engineering measures:

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use with local exhaust ventilation or while wearing appropriate respirator. Keep containers closed when not in use.

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 of 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: Low viscosity liquid  
Colour: Straw colour  
Odour: Amine odour

Data relevant to safety:

Solubility: Partly soluble in water.  
Specific Gravity (20 °C): 1.9  
Vapour Pressure (20 °C): 0.3 hPa  
Flash Point (°C): 111  
Flammability Limits (%): 1-6%  
Auto Ignition Temperature (°C): 300  
pH: 11

(Typical values only - consult specification sheet)  
N Av = Not available



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## 10. Stability and reactivity

**Chemical stability:**

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

**Conditions to avoid:**

Elevated temperatures and sources of ignition.

**Incompatible Materials:**

Oxidising agents and acids.

**Hazardous decomposition products:**

Oxides of carbon and nitrogen, smoke and other toxic fumes.

**Hazardous reactions:**

No information available.

## 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:** Harmful by inhalation. Material may be irritant to mucous membranes and respiratory tract.

**Skin contact:** Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

**Eye contact:** A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

**Ingestion:** Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.

**Long Term Effects:**

No information available for product.

**Acute toxicity / Chronic toxicity:**

No LD50 data available for the product.

## 12. Ecological information

Avoid contaminating waterways.

**Ecotoxicity:**

No information available.

**Persistence and degradability:**

No information available.

**Mobility:**

No information available.

## 13. Disposal considerations

Refer to State/Territory Land Waste Management Authority.



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## 14. Transport information

### ADG/ADR/RID

UN No: 1760  
Dangerous Goods Class: 8  
Packing Group: III  
Hazchem Code: 2R

Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (contains CYCLOALIPHATIC AMINE)

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2), cyanides of Class 6, radioactive substances (Class 7) or food and food packaging in any quantity, however exemptions may apply. Note that material is incompatible with acids and alkalis.

### IMDG

UN No: 1760  
Dangerous Goods Class: 8  
Packing Group: III

Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (contains CYCLOALIPHATIC AMINE)

### IATA

UN No: 1760  
Dangerous Goods Class: 8  
Packing Group: III

Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (contains CYCLOALIPHATIC AMINE)

## 15. Regulatory information

### Poisons Schedule (Aust):

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

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

## 16. Other information

Reason(s) For Issue: Revised

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 Data 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.