



# Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0  
Revised 28 August 2007

Page: 1 of 5  
MSDS No: 141

## CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

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

Product:

#### SikaSwell S-2

Recommended use:

A swellable flexible gun grade joint 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. Composition/information on ingredients

Chemical characterization:

Filled reactive PUR-polymers

Hazardous ingredients:

Ingredient	CAS No	Concentration
oxydipropyl-dibenzoate	27138-31-4	2.5 - 10 %
Aluminium sulphate	10043-01-3	25 - 50 %
gamma-butyrolactone	96-48-0	2.5 - 10 %
Aliphatic polyisocyanate	28182-81-2	2.5 - 10 %

### 3. Hazard identification

**Hazard Category:**

Xi            Irritant

R Phrases:

41            Risk of serious damage to eyes  
43            May cause sensitization by skin contact  
52/53        Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S Phrases

24            Avoid contact with skin  
26            In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
37/39        Wear suitable gloves and eye/face protection

### 4. First-aid measures

Inhalation:

Ensure supply of fresh air.  
In the event of symptoms take medical treatment.

Skin contact:

In case of contact with skin wash off immediately with soap and water  
Consult a doctor if skin irritation persists.

Eye contact:

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing



# Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Revised 28 August 2007

Page: 2 of 5

MSDS No: 141

until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and seek medical attention immediately.

#### 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. Effects may be delayed.

### 5. Fire-fighting measures

Suitable extinguishing media

compatible with all usual extinguishing media

Exposure hazard arising from the product, its combustion products or resulting gases

In the event of fire the following can be released:

Carbon monoxide (CO)

Carbondioxide (CO<sub>2</sub>)

Nitrogen oxides (NO<sub>x</sub>)

Additional information

Fire residues and contaminated firefighting medium must be disposed of in accordance with the local regulations.

Collect contaminated firefighting water separately, must not be discharged into the drains.

### 6. Accidental release measures

#### Spills:

Ensure adequate ventilation. Wear protective equipment to prevent skin and eye contamination.

Wipe up with absorbent (sand, sawdust). Collect 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:

Provide good ventilation in working area.

Avoid contact with eyes skin and clothing.

#### Storage:

Store in a cool, dry, well-ventilated place and out of direct sunlight, frost, atmospheric moisture and water. Store away from food, beverages and animal feedstock. Keep containers closed when not in use - check regularly for leaks.

### 8. Exposure controls/personal protection

National occupational exposure limits:

No value assigned for this specific material 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.



# Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 3 of 5

Revised 28 August 2007

MSDS No: 141

## Engineering measures:

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. 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: Pasty  
Colour: red  
Odour: characteristic

### Data relevant to safety:

Solubility in water	Insoluble (only capable of swelling at 20°C)
Density (20 °C):	approx 1.3 Kg/L
Vapour Pressure (20 °C):	0.2 hPa
Flash Point (°C):	>98°C
VOC solvents (%):	3.8 %

(Typical values only - consult specification sheet)

## 10. Stability and reactivity

### Chemical stability:

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

### Conditions to avoid:

No hazardous reactions when stored and handled according to prescribed instructions.

### Hazardous decomposition products:

No decomposition products is used as prescribed.

### 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:

Sensitisation  
Allergic reaction can occur with sensitive persons.

Inhalation: Material may cause irritation.

Skin contact: May cause irritation.



# Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Revised 28 August 2007

Page: 4 of 5

MSDS No: 141

Eye contact: May cause irritation.

Long Term Effects:

No information available for 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.

## 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

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.



# Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0  
Revised 28 August 2007

Page: 5 of 4  
MSDS No: 141

