



# Safety Data Sheet

According to NOHSC:2011(2003)

Page: 1 of 5

Revised: 08-May-07

MSDS No: 197

## CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

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

Product:

#### Sikafloor Pronto 16 N

Recommended use:

Methacrylate based coating.

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:

Polymethacrylate

Hazardous ingredients:

Ingredients:	CAS No	Concentration
Methyl Methacrylate	80-62-6	>60%
Pentamethylpiperidylsebazate	41556-26-7	1-10%
Mix linear and branched C7-C9 alkyl propionates	127519-17-9	1-10%
Methyl 1,2,2,6,6-pentamethyl-4piperdyl cebacate	82919-37-7	1- 10%

### 3. Hazard identification

Hazard Category:

F Highly flammable

Risk Phrase(s):

R/37/38 Irritating to respiratory system and skin.  
R43 May cause sensitization by skin contact.

Safety Phrase(s):

S24: Avoid contact with skin.  
S33 Take precautionary measures against static discharges.  
S36/37 Wear suitable protective clothing and gloves.  
S51 Use only in well ventilated areas.

### 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. Seek medical attention in case of respiratory irritation or if feeling unwell in cases of prolonged exposure.

Skin contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Solvents should not be used to clean skin because they may increase the penetration of the material. If swelling, redness, blistering or irritation occurs seek medical assistance.



# Safety Data Sheet

According to NOHSC:2011(2003)

**Eye contact:**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

**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

**Specific hazards:**

Combustion will produce smoke, carbon dioxide and carbon monoxide. May form explosive mixtures with air.

**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:**

Use foam, dry chemical or carbon dioxide.  
Do not use water jet.

## 6. Accidental release measures

**Spills:**

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Eliminate all sources of ignition. Wipe up with absorbents such as earth, sand and inert material. Prevent material entering drains and waterways. Collect and seal in properly labelled containers or drums for disposal.

## 7. Handling and storage

**Handling:**

Use in well ventilated areas. Avoid contact with water or moist air. Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.

**Storage:**

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from sources of ignition. Storage temperature should be between 5-25°C. 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.

	TWA (ppm)	TWA (mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )
Methyl methacrylate	50	208	100	416

**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)

Page: 3 of 5

Revised: 08-May-07

MSDS No: 197

## Engineering measures:

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards.

## 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:	Liquid
Colour:	Purple
Odour:	Acrylic

### Data relevant to safety:

Solubility:	Insoluble in water.
Density (20 °C):	approx. 1.0 Kg/L
Flash Point (°C):	10
Viscosity(20 °C):	100-200 MPas.

(Typical values only - consult specification sheet)

## 10. Stability and reactivity

### Chemical stability:

This material is thermally stable when stored and used as directed.  
Polymerisation will continue if exposed to heat, peroxides and free radical initiators.

### Conditions to avoid:

Elevated temperatures sources of ignition and static discharge.

### Hazardous decomposition products:

Oxides of carbon, acrylic monomers, smoke and other irritating 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: Excessive exposure may produce anaesthetic or narcotic effects.

Skin contact: Frequent skin contact may cause irritation. May cause sensitization. Persons known to be hyposensitive (asthma, chronic bronchitis, etc.) should refrain from handling the product.



# Safety Data Sheet

According to NOHSC:2011(2003)

Page: 4 of 5

Revised: 08-May-07

MSDS No: 197

Eye contact: Liquid and vapour can cause irritation on contact and high concentrations.

Ingestion:

Swallowing can result in nausea, vomiting and irritation of 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:

The product may be harmful to aquatic organisms.

Persistence and degradability:

The product is expected to be not biodegradable.

Mobility:

Product is insoluble in water..

## 13. Disposal considerations

Refer to State/Territory Land Waste Management Authority.

## 14. Transport information

ADG/ADR/RID

UN. No.	1247
Dangerous Goods Class	3.2
Packing Group	II
Proper Shipping Name:)	Methyl methacrylate monomer, Inhibited

IMDG

UN. No.	1247
Dangerous Goods Class	3.2
Packing Group	II
Proper Shipping Name:	Methyl methacrylate monomer, Inhibited

IATA

UN. No.	1247
Dangerous Goods Class	3.2
Packing Group	II
Proper Shipping Name:	Methyl methacrylate monomer, Inhibited

## 15. Regulatory information

Poisons Schedule (Aust):  
Not scheduled.

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



## Safety Data Sheet

According to NOHSC:2011(2003)

Page: 5 of 5

Revised: 08-May-07

MSDS No: 197

### 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)

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