



Safety Data Sheet

According to NOHSC:2011(2003)

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Revised: 11-Jan-07

MSDS No: 165

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

Sikagard 680S

Recommended use:

One component decorative solvent based methacrylic 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:

Solvent based methacrylic coating

Hazardous ingredients:

Ingredients:	CAS No	Concentration
Solvent Naphtha	64742-95-6	10-30%
1 meyhoxo 2 propyl acetate	108-65-6	1- 10%
Xylene	1330-20-7	1- 10%
White Spirits	8052- 41-3	1- 10%

3. Hazard identification

Hazard Category:

Xn Harmful
Xi Irritant

Risk Phrase(s):

R20 Harmful by inhalation.
R36/37/38 Irritating to eyes, respiratory system and skin.
R65 May cause lung damage if swallowed.

Safety Phrase(s):

S45: In case of accident or if you feel un well, seek medical advice..
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.
S53 Avoid exposure.

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.



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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.

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.

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.. 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/m3)	STEL (ppm)	STEL (mg/m3)
1 meyhoxo 2 propyl acetate	50	274	100	548
White spirits		790		
Isobutanol	50	152		

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.



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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: Liquid
Colour: Off White
Odour: Characteristic

Data relevant to safety:

Solubility:	Insoluble in water.
Specific Gravity (20 °C):	approx. 1.3
Flash Point (°C):	43
Flammability Limits (%):	0.1-6
Autoignition Temperature (°C):	N Av
Boiling Point/Range (°C):	155-175

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

10. Stability and reactivity

Chemical stability:

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

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: Material may be irritant to mucous membranes and respiratory tract.

Skin contact: Frequent skin contact may cause irritation and defatting due to the solvent content.



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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:

No information available.

Persistence and degradability:

No information available.

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.	1263
Dangerous Goods Class	3
Packing Group	III
Proper Shipping Name:)	Paint (flash point - 43°C)

IMDG

UN. No.	1263
Dangerous Goods Class	3
Packing Group	III
Proper Shipping Name:	Paint (flash point - 43°C)

IATA

UN. No.	1263
Dangerous Goods Class	3
Packing Group	III
Proper Shipping Name:	Paint (flash point - 43°C)

Paint (flash point - 43°C)

15. Regulatory information

Poisons Schedule (Aust):

Not scheduled.

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



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16. Other information

Reason(s) For Issue: Revised – 11/01/07

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

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.