



# Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0  
Revised: 25 Sept 2006

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MSDS No: 7

## CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

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

Product:

**Rugasol<sup>®</sup> MH**

Recommended use:

Solvent based surface retarder.

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:

Hydrocarbon resin solution

Hazardous ingredients:

Ingredient	CAS No	Concentration
Xylene	1330-20-7	30-60%
Non-hazardous ingredients	-	to 100%

### 3. Hazard identification

Hazard Category:

Xn Harmful

Risk Phrase(s):

R10: Flammable.  
R20/21: Harmful by inhalation and in contact with skin.  
R38: Irritating to skin

Safety Phrase(s):

S24/25: Avoid contact with skin and eyes.  
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.  
S62: If swallowed, do not induce vomiting; seek medical advice immediately and show the container or label.

### 4. First-aid measures

Inhalation:

Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. Keep at rest until fully recovered. Seek medical advice if symptoms develop.

Skin contact:

Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If swelling, redness, blistering or irritation occurs seek medical assistance. If high pressure injection injury occurs seek medical attention immediately.

Eye contact:

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



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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 to achieve effective dilution. Seek immediate medical advice.

**Notes to physician:**

Treat symptomatically.

## 5. Fire-fighting measures

**Specific hazards:**

Flammable. Keep storage tanks, pipelines, fire exposed surfaces cool with water spray. Shut off any leak if safe to do so and remove sources of ignition. Take steps to prevent electrostatic discharge.

**Special protective precautions and equipment:**

Flammable material. Fire fighters to wear self-contained breathing apparatus operate in positive pressure mode. Use water spray to cool fire exposed containers.

**Suitable extinguishing media:**

Use foam, dry agent (carbon dioxide, dry chemical powder) to extinguish fire.

## 6. Accidental release measures

**Spills:**

Remove all sources of ignition, ensure adequate ventilation.

**Small Spills:**

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent material (clean rag or paper towels). Allow cloth or tissue to dry in well ventilated area away from ignition sources before disposal. Remove any spill residues with a small amount of mineral turpentine. Collect and seal in properly labelled containers or drums for disposal.

**Large spills:**

Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. The area should be cleaned with detergent and water. Do not allow product to enter drains, sewers or waterways – inform the local authorities if this occurs. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Contaminated containers must not be treated as household waste. Empty containers may contain hazardous residues. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers.

## 7. Handling and storage

**Handling:**

Avoid skin and eye contact and inhalation of vapours.

**Storage:**

Store in a well ventilated place away from sources of ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for spills. Containers less than 20 Litre capacity are exempt from Dangerous Goods Storage requirements in NSW. Because it is a "Manufactured Product" a mixture of Class 3 Packing Group III dangerous goods with more than 10% solids. For other states refer to local regulations.



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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	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Xylene	80	350	150	665

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.

Personal protection equipment:

OVERALLS, SAFETY SHOES, SAFETY GLASSES, 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: viscous liquid  
Colour: red to pink  
Odour: distinct xylene odour

Data relevant to safety:

Solubility: Slightly soluble  
Specific Gravity (20 °C): approx 1.05  
Relative Vapour Density (air=1): approx 3  
Vapour Pressure (25 °C): <3 mm Hg  
Flash Point (°C): >27 °C  
Flammability Limits (%): LEL – 1%v/v UEL – 7.0 %v/v for vapour  
Autoignition Temperature (°C): > 250 C  
Melting Point/Range (°C): N Av  
Boiling Point/Range (°C): >138 C  
pH: N App

(Typical values only - consult specification sheet)

N Av = Not available                      N App = Not applicable

## 10. Stability and reactivity

Chemical stability:

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

Conditions to avoid:

Elevated temperatures.

Incompatible Materials:

Oxidising agents.



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#### Hazardous decomposition products:

Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

#### Hazardous reactions:

Stable. Avoid oxidising agents and naked flames.

### 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. Inhalation of high vapour concentrations may result in central nervous system depression. May cause irritation of nose and throat.

Skin contact: Irritating to skin.

Eye contact: Vapour can irritate eyes.

Ingestion: Harmful: may cause lung damage if swallowed. Ingestion may cause nausea and vomiting. If vomiting occurs product may be aspirated into the lungs leading to chemical pneumonitis.

#### Long Term Effects:

Prolonged or repeated skin contact may lead to chronic dermatitis. Chronic exposure by inhalation may cause respiratory irritation.

Acute toxicity / Chronic toxicity:

For Xylene:

LD50 (Oral, rat) = 4300 mg/kg. LD50 (dermal rabbit) ~ 4500 mg/kg. Inhalation LC50 (rat) = 29 g/m<sup>3</sup> (6700 ppm) (4 hr exposure).

### 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



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## ADG/ADR/RID

UN No: 1263  
Dangerous Goods Class: 3  
Packing Group: III  
Hazchem Code: 3[Y]  
Emergency Response Guide No: 3C1

Proper Shipping Name: PAINT

## IMDG

UN No: 1263  
Dangerous Goods Class: 3  
Packing Group: III  
Proper Shipping Name: PAINT

## IATA

UN No: 1263  
Dangerous Goods Class: 3  
Packing Group: III  
Proper Shipping Name: PAINT

## 15. Regulatory information

Poisons Schedule (Aust):  
Not applicable.

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)

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