



Safety Data Sheet

According to NOHSC:2011(2003)

Page: 1 of 1

Revised: 26-June-08

MSDS No: 561

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

Sika Aktivator PRO

Recommended use:

Solvent based adhesion promoter

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. Hazard identification

Hazard Category:

F Highly flammable
Xi Irritant

Risk Phrase(s):

R11 Highly flammable.
R36/38 Irritating to eyes and skin.
R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in aquatic environment.
R67 Vapours may cause drowsiness and dizziness.

Safety Phrases

S33 Take precautionary measures against static discharge.
S36/37 Wear suitable protective clothing and gloves.
S51 Use only in well ventilated areas.

3. Composition/information on ingredients

Chemical characterization:

Modified epoxy resin containing solvent mixture.

Hazardous ingredients:

Ingredients:	CAS No	Concentration
Heptane(isomers)	142 -82-5	30 – 60%
Methy cyclohexane	108 – 87 -2	30 – 60%
Cyclohexane	110 – 82 7	1 - 10%
Naphtha(petroleum)	64742 – 49 – 0	10 – 30%
Bis(trimethoxysilylpropyl)amine	82985 – 35 – 1	1 - 10%
3- Methoxysilylpropane-1-thiol	4420 – 74 – 0	<1%

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.



Safety Data Sheet

According to NOHSC:2011(2003)

Page: 2 of 1

Revised: 26-June-08

MSDS No: 561

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.

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. Never give anything by the mouth to an unconscious patient. Seek medical advice.

Notes to physician:

Treat symptomatically.

5. Fire-fighting measures

Specific hazards:

In the event of fire smoke, carbon dioxide, carbon monoxide, oxides of nitrogen and sulphur can be released.

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 dry chemical, carbon dioxide water spray (fog) or foam.

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 heat, frost atmospheric moisture and direct sunlight. Store away from sources of ignition. Keep away from food, beverages and animal feedstock.. Keep containers closed when not in use - check regularly for leaks.



Safety Data Sheet

According to NOHSC:2011(2003)

Page: 3 of 2

Revised: 26-June-08

MSDS No: 561

8. Exposure controls/personal protection

National occupational exposure limits:

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

However for:

	TWA (ppm)	TWA (mg/m ³)	STEL (ppm)	STEL (mg/m ³)
Heptane	400	1640	500	2050
Methycyclohexane	400	1610		
Cyclohexane	100	350	300	1050

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, 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: Transparent
Odour: Hydrocarbon

Data relevant to safety:

Density (20 °C): 0.7g/m³
Flash Point (°C): 4
Explosion Limits: Lower 1% (methyl cyclohexane)
Upper 7% (methyl cyclohexane)
Vapour Pressure 3.5 kPa 926 mm Hg
Viscosity 2 mPas.
Solubility Insoluble on water

(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:

Avoid all possible sources of ignition.



Safety Data Sheet

According to NOHSC:2011(2003)

Page: 4 of 3

Revised: 26-June-08

MSDS No: 561

Materials to avoid:

Oxidizing agents.

Hazardous decomposition products:

Oxides of carbon, nitrogen and sulphur.

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: Vapours may cause drowsiness and dizziness.

Skin contact: Irritating to skin.

Eye contact: May cause eye irritation.

Ingestion:

Irritating to mouth throat and stomach.

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:

Toxic to aquatic organisms.

Persistence and degradability:

No information available.

Mobility:

Insoluble in water.

13. Disposal considerations

Refer to State/Territory Land Waste Management Authority.

14. Transport information

ADG/ADR/RID

UN. No. 1866

Dangerous Goods Class 3

Packing Group II

Proper Shipping Name: Resin solution, flammable



Safety Data Sheet

According to NOHSC:2011(2003)

Page: 5 of 4

Revised: 26-June-08

MSDS No: 561

IMDG

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Proper Shipping Name: Resin solution, flammable

IATA

UN. No. 1866
Dangerous Goods Class 3
Packing Group II
Proper Shipping Name: Resin solution, flammable

15. Regulatory information

Poisons Schedule (Aust):
S5.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).
VOC (EU) – 95% (w/w)

16. Other information

Reason(s) For Issue: Revided.

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.