



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0
Revised: 17 May 2007

Page: 1 of 4
MSDS No: 543

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

SikaTell® (VP)

Recommended use:
Admixture.

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:
Amorphous silica, aqueous colloidal solution

Hazardous ingredients:

Ingredient	CAS No	Concentration
-	-	-

3. Hazard identification

Hazard Category:

Risk Phrase(s):

Safety Phrase(s):

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 advice if effects persist.

Skin contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact:

If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

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.



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 2 of 4

Revised: 17 May 2007

MSDS No: 543

5. Fire-fighting measures

Specific hazards:

Non-combustible material.

Special protective precautions and equipment:

No special recommendations.

Suitable extinguishing media:

Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. Accidental release measures

Small Spills:

Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

Large spills:

Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

7. Handling and storage

Handling:

Avoid eye contact and repeated or prolonged skin contact.

Storage:

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. 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.

Silica amorphous: (ACGIH, TWA, 10ppm inhalable particle, 3ppm respirable particle)

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:

Natural ventilation should be adequate under normal use conditions.

Personal protection equipment:

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls, safety glasses 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.



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 3 of 4

Revised: 17 May 2007

MSDS No: 543

9. Physical and chemical properties

Appearance:

Physical state: liquid
Colour: clear - cloudy
Odour: slight

Data relevant to safety:

Solubility:	Soluble in water.
Specific Gravity (20 °C):	1.05-1.40
Relative Vapour Density (air=1):	N Av
Vapour Pressure (20 °C):	as water
Flash Point (°C):	N App
Flammability Limits (%):	N App
Autoignition Temperature (°C):	N App
Melting Point/Range (°C):	0
Boiling Point/Range (°C):	100
pH (20 °C):	9-11
Viscosity (20 °C):	<50 mPas

(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:

Do not allow to freeze. Avoid drying out of the sol as this can lead to a build up of dust.

Incompatible Materials:

Oxidising agents.

Hazardous decomposition products:

None known.

Hazardous reactions:

None known.

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: Inhalation of mist may be irritant to mucous membranes and respiratory tract due to pH.

Skin contact: Mildly irritating (rabbit).

Eye contact: Mildly irritating (rabbit).

Ingestion: Swallowing can result in irritation of the mucous membranes.

Long Term Effects:

Product contains amorphous silicon dioxide. No cases of Silicosis have been reported from amorphous silica.

Acute toxicity / Chronic toxicity:

LD50 (oral, rat) > 2000mg/kg.



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 4 of 4

Revised: 17 May 2007

MSDS No: 543

12. Ecological information

Avoid contaminating waterways.

Ecotoxicity:

Fish: LC50/96hr/Brachydanio rerio >5000mg/L.

Crustacea: EC50/48hr/Ceriodaphnia = 7600 mg/L.

Algae: EC50/48hr/Selenastrum capricornutum = 440mg/L, EC10 = 140 mg/L, LOEC – 120mg/L, NOEC = 60 mg/L.

Persistence and degradability:

Not applicable (inorganic compound).

Mobility:

No test results. Transport to air is not expected. Under certain circumstances, transport from earth to water may take place.

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 applicable.

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

16. Other information

Reason(s) For Issue: New Product

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 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.