

Safety Data Sheet

according to 91/155/EEC and ISO 11014-1

(see instructions in Annex to 93/112/EC)

Date of printing: 14.05.2004

Page: 1/5

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SDS No.: 427

HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

1. Identification of the substance/preparation and company

Product

Product name

Sika® Coll 4600 AU

Manufacturer/supplier information

Manufacturer/supplier:

Sika Australia Pty Limited

Street/postbox:

55 Elizabeth Street

Town/City and Post Code:

WETHERILL PARK NSW 2164

Country:

Australia

Phone:

(02) 9725 1145

Telefax:

(02) 9725 3330

General information:

Emergency information phone:

1800 033 111

2. Composition/information on ingredients

Chemical characterization

Solvent-borne contact adhesive

Hazardous ingredients

Designation according to 67/548/EEC

CAS No.

Concentration

Danger symbols R phrases

EEC No.

· Aromatic hydrocarbon solvent

108-88-3

10 - 30 %

F,Xn

11,20

· Aliphatic hydrocarbon solvent

647-42-89-8

30 - 60 %

Xn

65

· Acetone

67-64-1

10 - 30 %

F,Xi

11,36/37

3. Hazards identification

Hazards identification

F

Flammable

Information on hazards to man and to the environment

11

Highly Flammable

20

Harmful by inhalation.

65

Harmful: May cause lung damage if swallowed.

36/37

Irritating to eyes and respiratory system.

4. First-aid measures

General instructions

In any case show the physician the Safety Data Sheet

After inhalation

In case of irritation when vapour is inhaled, provide for plenty of fresh air.

In the event of symptoms take medical treatment.

4. First-aid measures (continued)

After skin contact

In case of contact with skin wash off immediately with soap and water. Remove contaminated clothing. Consult a doctor if skin irritation persists.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Summon a doctor immediately.

After ingestion

Do not induce vomiting. Give water or milk to drink. Summon a doctor or Poisons Information Centre.

5. Fire-fighting measures

Suitable extinguishing media

carbon dioxide
dry chemical
foam

Unsuitable extinguishing media for safety reasons

Not applicable.

Exposure hazard arising from the product, its combustion products or resulting gases

Heating can cause expansion or decomposition leading to violent rupture of containers.

Special protective equipment for fire-fighting

Wear self-contained breathing apparatus.

Additional information

Evacuate immediate area.
Keep containers cool with water spray.
Fire residues and contaminated firefighting medium must be disposed of in accordance with the local regulations.

6. Accidental release measures

Personal precautions

Remove all sources of ignition.
Use breathing apparatus if exposed to vapours.
Use personal protective equipment.

Environmental precautions

Nil.

Procedures for cleaning up

Isolate spill and absorb with inert material such as clay or sand. Pick up mechanically and place in sealed container. When picked up, treat material as prescribed under heading "Disposal".

7. Handling and storage

Handling

Instructions for safe handling

See chapter 8 / Personal protective equipment.

Instructions for fire and explosion protection

Product is flammable liquid containing extremely volatile vapours.

Vapours can travel great distances to potential ignition sources.

Storage

Requirements for storage rooms and containers

Store in original or approved containers.

Store in cool, dry, well-ventilated place away from sources of ignition.

Combined storage instructions

Keep away from food, beverages and animal feedstocks.

Additional information regarding storage

Protect from atmospheric moisture and water

8. Exposure controls/personal protection

Substances having workplace related exposure values/limits which may require monitoring for assessment purposes

Designation of substance				Ref./Country/Year
CAS No.	Type			
· n-Hexane				
110-54-3	TLV STEL	1000 ppm		HSE/EH40/UK
· Toluol				
108-88-3	TLV	1000.ppm		Worksafe
· Acetone				
67-64-1	TLV/TWA	500.ppm		Worksafe Australia

Personal protective equipment

General protective and hygiene measures

Do not inhale vapours

Take care for sufficient ventilation or exhaust (flameproof) on the workshop place.

Do not eat, drink or smoke during work time.

Wash hands before breaks and after work.

Use barrier skin cream.

Respiratory protection

Respirator fitted with organic vapour / acid mist cartridge.

Hand protection.

Nitrile rubber gloves.

Eye protection

Safety glasses/goggles/face shield.

Body protection

Working clothes.

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Date of printing: 14.05.2004

Page: 4/5

Revised: 01.03.2002

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9. Physical and chemical properties

Appearance

Physical state: liquid
Colour: pale yellow
Odour: aromatic solvent odour

Data relevant to safety

Method

Boiling point	57 - 111 °C	
Vapour Pressure	19 mm Hg at 20°C	
Volatile Component	approx 81%	
Specific Gravity 20°C	0.837	
Flash point	< 30°C	Abel closed cup
Flammability Limits	LEL - 2.6 % UEL - 13 %	
Solubility in water	insoluble	

10. Stability and reactivity

Materials to avoid/dangerous reactions

Hazardous reactions possible with:
Strong oxidizing agents.
Heat and sources of ignition.

Thermal decomposition and hazardous decomposition products

No decomposition if used as prescribed.

11. Toxicological information

Sensitization

Not applicable:

Experience on humans

When skin contact:

May cause irritation. Prolonged exposure may cause drying of the skin.
Will have a defatting effect on the skin.

When eyes contact:

Irritating to eyes.

When inhalation:

Excessive inhalation of vapours can effect the central nervous system leading to a loss of co-ordination and impaired judgement. Prolonged exposure can lead to stupor or unconsciousness.

When swallowed:

Moderately toxic. May cause pneumonia if aspirated into bronchial system..

12. Ecological information

Additional information

Do not allow to enter waste water drain, waterways or soil.

13. Disposal considerations

Product

Recommendations

Dispose of in accordance with local authority regulations.
See chapter 15, national regulations.

13. Disposal considerations (continued)

Packaging

Recommendations

Completely emptied packagings can be given for recycling.
Packaging that cannot be cleaned should be disposed of as product waste.

14. Transport information

ADG/ADR/RID

UN No.: 1133 Class: 3 Packing group: II
Proper shipping name
Adhesives, containing flammable liquid

IMO/IMDG

UN No.: 1133 Class: 3 Packing group: II
Proper shipping name
Adhesives, containing flammable liquid

IATA/ICAO

UN No.: 1133 Class: 3 Packing group: II
Proper shipping name
Adhesives, containing flammable liquid

15. Regulatory information

Labelling according to EEC Directive

The product is classified and labelled in accordance with EEC directives/the relevant national laws.

Danger symbols

F Flammable

R phrases

11 Highly Flammable
20 Harmful by inhalation
36/37 Irritating to eyes and respiratory system.

S phrases

2 Keep out of reach of children.
16 Keep away from sources of ignition - No smoking.
25 Avoid contact eyes.
29 Do not empty into drains.
33 Take precautionary measure against static discharges.
53 Use only in well ventilated areas.

National regulations

Sch 5 SUSDP (Aus) - contains liquid hydrocarbons > 30 %

16. Other information

asterisk (*) on left margin marks modification of previous version

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.