# Sika Contact 4600 AU

Version 1.0 SDS Number: 000000613214 Revision Date: 14.12.2016

### **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : Sika Contact 4600 AU

Product code : 000000613214

Type of product : liquid

Manufacturer or supplier's details

Company : Sika Australia Pty. Ltd.

Address : Elizabeth Street 55

Wetherill Park NSW 2164

Telephone : +61297251145

Emergency telephone num-

ber

: +61 1800 033 111

Telefax : +61297253330

E-mail address : EHS@au.sika.com

#### **SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification** 

Flammable liquids : Category 2

Skin corrosion/irritation : Category 2

Serious eye damage/eye irri-

tation

: Category 2A

Reproductive toxicity : Category 2

Specific target organ toxicity -

single exposure

: Category 3 (Central nervous system)

Specific target organ toxicity -

repeated exposure

(Inhalation)

: Category 2

Aspiration hazard : Category 1

**GHS** label elements

Hazard pictograms

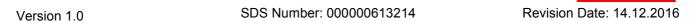






Signal word : Danger

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Hazard statements : H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

H361 Suspected of damaging fertility or the unborn child. H373 May cause damage to organs through prolonged or re-

peated exposure if inhaled.

Precautionary statements : **Prevention**:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat/sparks/open flames/hot surfaces.

No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ ventilating/ lighting/

equipment. P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ eye protection/ face protection.

P281 Use personal protective equipment as required.

#### Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P331 Do NOT induce vomiting.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

## Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

#### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

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#### Other hazards which do not result in classification

None known.

#### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

### **Hazardous components**

Chemical name	CAS-No.	Concentration (%)
solvent naphtha (petroleum), light aliph.	64742-89-8	>= 30 - < 60
toluene	108-88-3	>= 10 - < 30
acetone	67-64-1	>= 10 - < 30
n-hexane	110-54-3	< 10

#### **SECTION 4. FIRST AID MEASURES**

: Move out of dangerous area. General advice

Consult a physician.

Show this safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air.

Consult a physician after significant exposure.

In case of skin contact : Take off contaminated clothing and shoes immediately.

> Wash off with soap and plenty of water. If symptoms persist, call a physician.

In case of eye contact : Immediately flush eye(s) with plenty of water.

Remove contact lenses.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed Clean mouth with water and drink afterwards plenty of water.

Do NOT induce vomiting.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

Take victim immediately to hospital.

Most important symptoms and effects, both acute and

delayed

: Risk of serious damage to the lungs (by aspiration).

irritant effects

Aspiration may cause pulmonary oedema and pneumonitis.

**Excessive lachrymation** 

**Dermatitis** Loss of balance

Vertigo

See Section 11 for more detailed information on health effects

and symptoms.

May be fatal if swallowed and enters airways.

Causes skin irritation.

Causes serious eve irritation. May cause drowsiness or dizziness.

Suspected of damaging fertility or the unborn child.

May cause damage to organs through prolonged or repeated

exposure if inhaled.

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Notes to physician : Treat symptomatically.

#### **SECTION 5. FIREFIGHTING MEASURES**

: Alcohol-resistant foam Suitable extinguishing media

Carbon dioxide (CO2)

Dry chemical

Unsuitable extinguishing

media

: Water

Specific hazards during fire-

fighting

: Do not allow run-off from fire fighting to enter drains or water

courses.

Hazardous combustion prod-

ucts

: No hazardous combustion products are known

Specific extinguishing meth-

: Use water spray to cool unopened containers.

Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

Special protective equipment

for firefighters

: In the event of fire, wear self-contained breathing apparatus.

#### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

tive equipment and emer-

gency procedures

Personal precautions, protec- : Use personal protective equipment. Remove all sources of ignition. Deny access to unprotected persons.

**Environmental precautions** : Prevent product from entering drains.

If the product contaminates rivers and lakes or drains inform

respective authorities.

Methods and materials for containment and cleaning up

: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local

/ national regulations (see section 13).

#### **SECTION 7. HANDLING AND STORAGE**

Advice on protection against fire and explosion

: Use explosion-proof equipment. Keep away from

heat/sparks/open flames/hot surfaces. No smoking. Take pre-

cautionary measures against electrostatic discharges.

Do not breathe vapours or spray mist. Advice on safe handling

Avoid exceeding the given occupational exposure limits (see

section 8).

Do not get in eyes, on skin, or on clothing. For personal protection see section 8.

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Smoking, eating and drinking should be prohibited in the ap-

plication area.

Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge

(which might cause ignition of organic vapours).

Follow standard hygiene measures when handling chemical

products

Hygiene measures : Handle in accordance with good industrial hygiene and safety

practice.

When using do not eat or drink. When using do not smoke.

Wash hands before breaks and at the end of workday.

Conditions for safe storage : Store in original container.

Store in cool place.

Keep in a well-ventilated place.

Containers which are opened must be carefully resealed and

kept upright to prevent leakage. Observe label precautions.

Store in accordance with local regulations.

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis		
toluene	108-88-3	TWA	50 ppm 191 mg/m3	AU OEL		
	Further infor	Further information: Skin absorption				
		STEL	150 ppm 574 mg/m3	AU OEL		
	Further infor	Further information: Skin absorption				
acetone	67-64-1	TWA	500 ppm 1,185 mg/m3	AU OEL		
		STEL	1,000 ppm 2,375 mg/m3	AU OEL		
n-hexane	110-54-3	TWA	20 ppm 72 mg/m3	AU OEL		

#### Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust

ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the max-

imum expected contaminant concentration

(gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-

contained breathing apparatus must be used.

Hand protection : Chemical-resistant, impervious gloves complying with an ap-

proved standard should be worn at all times when handling chemical products if a risk assessment indicates this is nec-

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essary.

Eye protection : Safety eyewear complying with an approved standard should

be used when a risk assessment indicates this is necessary.

Skin and body protection : Choose body protection in relation to its type, to the concen-

tration and amount of dangerous substances, and to the spe-

cific work-place.

#### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : liquid

Colour : yellow

Odour : hydrocarbon-like

Odour Threshold : No data available

pH : No data available

Melting point/range / Freezing

point

: No data available

Boiling point/boiling range : No data available

Flash point : -30 °C (-22 °F)

Method: closed cup

Evaporation rate : No data available

Flammability : No data available

Upper explosion limit : 7 %(V)

Lower explosion limit : 1 %(V)

Vapour pressure : 150 hPa (113 mmHg)

Relative vapour density : No data available

Density : 0.8 g/cm3 (20 °C (68 °F) ())

Solubility(ies)

Water solubility : No data available

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

: No data available

Auto-ignition temperature : No data available

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Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

 $: > 7 \text{ mm2/s} (40 ^{\circ}\text{C})$ Viscosity, kinematic

Explosive properties : No data available

Molecular weight : No data available

#### **SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : The product is chemically stable.

Possibility of hazardous reac-

tions

: Stable under recommended storage conditions. Vapours may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.

: No data available Incompatible materials

Hazardous decomposition

products

No decomposition if stored and applied as directed.

### **SECTION 11. TOXICOLOGICAL INFORMATION**

## **Acute toxicity**

Not classified based on available information.

#### Components:

acetone:

Acute oral toxicity : LD50 Oral (Rat): 5,800 mg/kg

Acute inhalation toxicity : LC50 (Rat): 76 mg/l

Exposure time: 4 h Test atmosphere: vapour

: LD50 Dermal (Rabbit): 20,000 mg/kg Acute dermal toxicity

#### Skin corrosion/irritation

Causes skin irritation.

### Serious eye damage/eye irritation

Causes serious eye irritation.

### Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

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## **Chronic toxicity**

### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

#### Reproductive toxicity

Suspected of damaging fertility or the unborn child.

### STOT - single exposure

May cause drowsiness or dizziness.

### STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure if inhaled.

### **Aspiration toxicity**

May be fatal if swallowed and enters airways.

### **SECTION 12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

### Components:

acetone:

: LC50 (Fish): > 5,000 mg/l Toxicity to fish

Exposure time: 96 h

aquatic invertebrates

Toxicity to daphnia and other : EC50 (Daphnia (water flea)): 12.700 mg/l

Exposure time: 48 h

Toxicity to algae : ErC50 (Pseudokirchneriella subcapitata (green algae)): > 530

mg/l

Exposure time: 96 h

# Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Other adverse effects

### **Product:**

Additional ecological infor-

: Toxic to aquatic life with long lasting effects.

mation

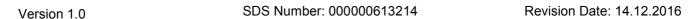
## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **Disposal methods**

Waste from residues : The product should not be allowed to enter drains, water

courses or the soil.

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Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.

Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.

Dispose of as unused product. Do not re-use empty containers.

Do not burn, or use a cutting torch on, the empty drum.

#### **SECTION 14. TRANSPORT INFORMATION**

# **International Regulations**

**IATA-DGR** 

UN/ID No. : UN 1133
Proper shipping name : Adhesives

Class : 3
Packing group : II
Labels : 3
Packing instruction (cargo : 364

aircraft)

Packing instruction (passen-

ger aircraft)

**IMDG-Code** 

UN number : UN 1133 Proper shipping name : ADHESIVES

Class : 3
Packing group : II
Labels : 3
EmS Code : F-E, S-D
Marine pollutant : no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: 353

Not applicable for product as supplied.

## **National Regulations**

**ADG** 

UN number : UN 1133
Proper shipping name : ADHESIVES

Class : 3
Packing group : II
Labels : 3

### **SECTION 15. REGULATORY INFORMATION**

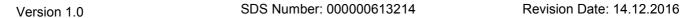
Safety, health and environmental regulations/legislation specific for the substance or mixture

Standard for the Uniform : Schedule 5

Scheduling of Medicines and

Poisons

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International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors

: Not applicable

Prohibition/Licensing Requirements

 There is no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory

legislation.

The components of this product are reported in the following inventories:

AICS : On the inventory, or in compliance with the inventory

### **SECTION 16. OTHER INFORMATION**

Date format : dd.mm.yyyy

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy. MSDS may be obtained from the following website: aus.sika.com

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 product data sheet prior to any use and processing.