# Sikaflex®-529 AT

Version 0.0 SDS Number: 000000603492 Revision Date: 2016/09/21

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

Product name : Sikaflex®-529 AT

Product code : 000000603492

Type of product : liquid

Recommended use of the chemical and restrictions on use

Product use : Sealant/adhesive

Manufacturer or supplier's details

Company : Sika (NZ) Ltd.

85-91 Patiki Road

Avondale

Auckland AKL 1026

Telephone : +64 9 820 2900

Emergency telephone num-

ber

: 0800 734 607

Telefax : +64 9 828 4091

E-mail address : info@nz.sika.com

# **SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification** 

Eye irritation : Category A

Carcinogenicity : Category B

**GHS** label elements

Hazard pictograms





Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

H351 Suspected of causing cancer.

Precautionary statements : **Prevention:** 

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read

and understood.

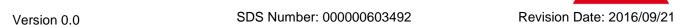
P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water

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for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing.

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

attention.

P337 + P313 If eye irritation persists: Get medical advice/ at-

tention.
Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste

disposal plant.

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 (%)
N-(3-(trimethoxysilyl)propyl)ethylenediamine	1760-24-3	>= 1 - < 10

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

General advice : No hazards which require special first aid measures.

If inhaled : Move to fresh air.

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

Wash off with soap and plenty of water.

In case of eye contact : Flush eyes with water as a precaution.

Remove contact lenses.

Keep eye wide open while rinsing.

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

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

Most important symptoms

and effects, both acute and

delayed

: No known significant effects or hazards.

See Section 11 for more detailed information on health effects

and symptoms.

Causes serious eye irritation. Suspected of causing cancer.

Notes to physician : Treat symptomatically.

## **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local cir-

cumstances and the surrounding environment.

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Hazardous combustion prod-

ucts

: No hazardous combustion products are known

Specific extinguishing meth-

ods

: Standard procedure for chemical fires.

Special protective equipment

for firefighters

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

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

Environmental precautions : No special environmental precautions required.

Methods and materials for containment and cleaning up

: Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

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

Advice on protection against

fire and explosion

: Normal measures for preventive fire protection.

Advice on safe handling : For personal protection see section 8.

No special handling advice required.

Follow standard hygiene measures when handling chemical

products

Hygiene measures : When using do not eat or drink.

When using do not smoke.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated

place.

Store in accordance with local regulations.

Materials to avoid : No special restrictions on storage with other products.

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

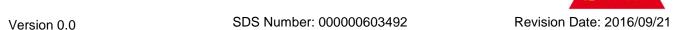
## Components with workplace control parameters

Contains no substances with occupational exposure limit values.

# Occupational exposure limits of decomposition products

Components	CAS-No.	Value type	Control parame-	Basis	
		(Form of	ters / Permissible		
		exposure)	concentration		
methanol	67-56-1	WES-TWA	200 ppm	NZ OEL	
			262 mg/m3		
	Further information: Exposure can also be estimated by biological				
	monitoring, Skin absorption				
		WES-STEL	250 ppm	NZ OEL	
			328 mg/m3		
	Further information: Exposure can also be estimated by biological				
	monitoring, Skin absorption				
		TWA	200 ppm	ACGIH	

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STEL 250 ppm ACGIH

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-

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 : paste

Colour : various

Odour : characteristic

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 :  $> 101 \, ^{\circ}\text{C} \, (> 214 \, ^{\circ}\text{F})$ 

Method: closed cup

Evaporation rate : No data available

Flammability : No data available

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapour pressure : 0.01 hPa (0.01 mmHg)

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Relative vapour density : No data available

Density : ca. 1.28 g/cm3 (20 °C (68 °F) ())

Solubility(ies)

Water solubility : insoluble

Partition coefficient: n-

octanol/water

: No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : > 7 mm2/s (40 °C)

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

: No hazards to be specially mentioned.

Conditions to avoid : No data available

Incompatible materials : No data available

Hazardous decomposition

products

No decomposition if stored and applied as directed.

methanol

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

#### **Acute toxicity**

No data available

### Skin corrosion/irritation

Not classified based on available information.

# Serious eye damage/eye irritation

Causes serious eye irritation.

#### Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

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Respiratory sensitisation: Not classified based on available information.

### Chronic toxicity

## Germ cell mutagenicity

Not classified based on available information.

## Carcinogenicity

Suspected of causing cancer.

## Reproductive toxicity

Not classified based on available information.

## STOT - single exposure

Not classified based on available information.

## STOT - repeated exposure

Not classified based on available information.

## **Aspiration toxicity**

Not classified based on available information.

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

#### **Ecotoxicity**

No data available

#### Persistence and degradability

No data available

## Bioaccumulative potential

No data available

## Mobility in soil

No data available

#### Other adverse effects

# **Product:**

mation

Additional ecological infor- : There is no data available for this product.

# **SECTION 13. DISPOSAL CONSIDERATIONS**

# **Disposal methods**

Contaminated packaging : Empty containers should be taken to an approved waste han-

dling site for recycling or disposal.

## **SECTION 14. TRANSPORT INFORMATION**

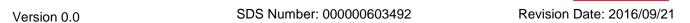
International Regulations

**IATA-DGR** 

Not dangerous goods

**IMDG-Code** 

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Not dangerous goods

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

Not applicable for product as supplied.

**National Regulations** 

**NZS 5433** 

Not dangerous goods

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

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

International Chemical Weapons Convention (CWC) : Not applicable

Schedules of Toxic Chemicals and Precursors

**HSNO Approval Number** 

HSR002679

**HSNO Controls** 

Approved handler certificate not required.

HSNO tracking not required.

Refer to EPA user guide to the HSNO control regulations for further information.

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

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

## **SECTION 16. OTHER INFORMATION**

Date format : dd.mm.yyyy

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.