Sikaflex®-255Extra

Version 1.0 SDS Number: 100000011923 Revision Date: 18.10.2017

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sikaflex®-255Extra

Product code : 100000011923

Type of product : liquid

Manufacturer or supplier's details

Company : Sika Australia Pty. Ltd.

55 Elizabeth Street

Wetherill Park, NSW 2164

Telephone : +61 2 9725 11 45

Telefax : +61 2 9725 33 30

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

Emergency telephone num-

ber

: +61 1800 033 111

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

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 (%)
4,4'-methylenediphenyl diisocyanate	101-68-8	0 -<1
3-isocyanatomethyl-3,5,5-trimethylcyclohexyl	4098-71-9	0 -<1
isocyanate		
3-trimethoxysilylpropane-1-thiol	4420-74-0	0 -<1

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.

Sikaflex®-255Extra

SDS Number: 100000011923 Revision Date: 18.10.2017 Version 1.0

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.

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.

Hazardous combustion prod-

ucts

: No hazardous combustion products are known

Specific extinguishing meth-

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.

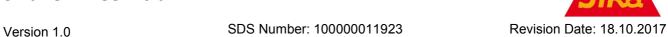
Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated

place.

Store in accordance with local regulations.

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

Sikaflex®-255Extra



SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis	
4,4'-methylenediphenyl diiso- cyanate	101-68-8	TWA	0.02 mg/m3 (NCO)	AU OEL	
	Further information: Sensitiser				
		STEL	0.07 mg/m3 (NCO)	AU OEL	
	Further information: Sensitiser				
		TWA	0.02 mg/m3 (NCO)	AU OEL	
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser				
		STEL	0.07 mg/m3 (NCO)	AU OEL	
	Further information: Category 2 (Carc. 2) Suspected huma cinogen, Sensitiser				
3-isocyanatomethyl-3,5,5- trimethylcyclohexyl isocyanate	4098-71-9	TWA	0.02 mg/m3 (As -NCO)	AU OEL	
	Further information: Sensitiser				
		STEL	0.07 mg/m3 (As -NCO)	AU OEL	
	Further information: Sensitiser				
		TWA	0.02 mg/m3 (NCO)	AU OEL	
	Further information: Sensitiser				
		STEL	0.07 mg/m3 (NCO)	AU OEL	
	Further information: Sensitiser				

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-

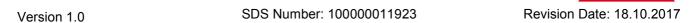
essary.

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-

Sikaflex®-255Extra



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

cific work-place.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : paste

Colour : black

Odour : characteristic

Odour Threshold : No data available

pH : Not applicable

Melting point/range / Freezing

point

: No data available

Boiling point/boiling range : No data available

Flash point : ca. 101 °C (214 °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)

Relative vapour density : No data available

Density : ca. 1.12 g/cm3 (23 °C (73 °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

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : > 20.5 mm2/s (40 °C)

Sikaflex®-255Extra

Version 1.0 SDS Number: 100000011923 Revision Date: 18.10.2017

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

No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Components:

4,4'-methylenediphenyl diisocyanate:

Acute inhalation toxicity : Acute toxicity estimate: 1.5 mg/l

Test atmosphere: dust/mist Method: Expert judgement

3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate:

Acute oral toxicity : LD50 Oral (Rat): 4,814 mg/kg

Acute inhalation toxicity : LC50 (Rat): 0.031 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Acute dermal toxicity : LD50 Dermal (Rat): > 7,000 mg/kg

3-trimethoxysilylpropane-1-thiol:

Acute oral toxicity : LD50 Oral (Rat): 1,701 mg/kg

Acute dermal toxicity : LD50 Dermal (Rat): 2,583 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Sikaflex®-255Extra

SDS Number: 100000011923 Revision Date: 18.10.2017 Version 1.0

Chronic toxicity

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

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

Components:

3-trimethoxysilylpropane-1-thiol:

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 12.3 mg/l

Exposure time: 96 h

aquatic invertebrates

Toxicity to daphnia and other : EC50 (Daphnia (water flea)): 6.7 mg/l

Exposure time: 48 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-

mation

: 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.

Sikaflex®-255Extra

Version 1.0 SDS Number: 100000011923 Revision Date: 18.10.2017

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

Not dangerous goods

IMDG-Code

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

ADG

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

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

Standard for the Uniform : Schedule 6

Scheduling of Medicines and

Poisons

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.