

SAFETY DATA SHEET

Sikalastic 777



Version
1.0

Revision Date:
06.07.2022

SDS Number:
100000036382

Date of last issue: -
Date of first issue: 06.07.2022

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sikalastic 777

Product code : 100000036382

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

Emergency telephone number : +61 1800 033 111

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids : Category 4

Acute toxicity (Inhalation) : Category 4

Reproductive toxicity : Category 2

Long-term (chronic) aquatic hazard : Category 3

GHS label elements

Hazard pictograms : 

Signal word : Warning

Hazard statements : H227 Combustible liquid.
H332 Harmful if inhaled.
H361 Suspected of damaging fertility or the unborn child.
H412 Harmful to aquatic life with long lasting effects.

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, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing mist or vapours.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.

SAFETY DATA SHEET

Sikalastic 777



Version
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Revision Date:
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P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

Response:

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.

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

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

Storage:

P403 Store in a well-ventilated place.

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

Components

Chemical name	CAS-No.	Concentration (% w/w)
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate	6846-50-0	>= 3 -< 10
2-Propenoic acid, 2-ethylhexyl ester, reaction products with ethylenediamine-ethylenimine polymer, compds. with polyethylene-polypropylene glycol mono-Bu ether phosphate	398475-96-2	>= 2.5 -< 10
m-tolyldiene diisocyanate	26471-62-5	>= 0.25 -< 1

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
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 : Remove contact lenses.
Keep eye wide open while rinsing.

SAFETY DATA SHEET

Sikalastic 777



Version 1.0	Revision Date: 06.07.2022	SDS Number: 100000036382	Date of last issue: - Date of first issue: 06.07.2022
----------------	------------------------------	-----------------------------	--

- If eye irritation persists, consult a specialist.
- 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.
Respiratory disorder
Headache
See Section 11 for more detailed information on health effects and symptoms.
Harmful if inhaled.
Suspected of damaging fertility or the unborn child.
- Notes to physician : Treat symptomatically.
-

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Carbon dioxide (CO₂)
- Unsuitable extinguishing media : Water
- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : 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

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Deny access to unprotected persons.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.
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SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
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SAFETY DATA SHEET

Sikalastic 777



Version
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Date of last issue: -
Date of first issue: 06.07.2022

- Advice on safe handling** : Avoid exceeding the given occupational exposure limits (see section 8).
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Provide sufficient air exchange and/or exhaust in work rooms.
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.
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
m-tolyldiene diisocyanate	26471-62-5	TWA	0.02 mg/m ³ (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
		STEL	0.07 mg/m ³ (NCO)	AU OEL

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
m-tolyldiene diisocyanate	26471-62-5	toluene diamine	Urine	End of shift	5 µg/g creatinine	ACGIH BEI

Appropriate engineering controls : Use adequate ventilation and/or engineering controls to prevent exposure to vapours.

Personal protective equipment

Respiratory protection : In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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

SAFETY DATA SHEET

Sikalastic 777



Version 1.0	Revision Date: 06.07.2022	SDS Number: 100000036382	Date of last issue: - Date of first issue: 06.07.2022
----------------	------------------------------	-----------------------------	--

approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Follow AS/NZS 1337.1

Recommended: Butyl rubber/nitrile rubber gloves.

Contaminated gloves should be removed.

Eye protection : Safety glasses

Skin and body protection : Protective clothing (e.g. safety shoes, long-sleeved working clothing, long trousers)
Follow AS 2210:3
Protective clothing needs to be made of cotton.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : viscous

Colour : black

Odour : No data available

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 : ca. 61 °C (142 °F)
(Method: closed cup)

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapour pressure : 0.01 hPa

Relative vapour density : No data available

Density : ca. 1.33 g/cm³ (20 °C (68 °F))

Solubility(ies)
Water solubility : No data available

SAFETY DATA SHEET

Sikalastic 777



Version 1.0 Revision Date: 06.07.2022 SDS Number: 100000036382 Date of last issue: -
Date of first issue: 06.07.2022

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 : ca. 12,000 mPa.s (20 °C (68 °F))

 Viscosity, kinematic : No data available

Explosive properties : No data available

Oxidizing properties : No data available

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
Not applicable

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 reactions : No hazards to be specially mentioned.

Conditions to avoid : No data available

Incompatible materials : see section 7.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Harmful if inhaled.

Components:

1-isopropyl-2,2-dimethyltrimethylene diisobutyrate:

Acute oral toxicity : LD50 Oral (Rat): > 3,200 mg/kg

Acute dermal toxicity : LD50 Dermal (Rat): > 5,000 mg/kg

m-tolylidene diisocyanate:

Acute inhalation toxicity : LC50 (Rat): 0.107 mg/l
Exposure time: 4 h
Test atmosphere: vapour

SAFETY DATA SHEET

Sikalastic 777



Version
1.0

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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.

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

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:

2-Propenoic acid, 2-ethylhexyl ester, reaction products with ethylenediamine-ethylenimine polymer, compds. with polyethylene-polypropylene glycol mono-Bu ether phosphate:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 8 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

SAFETY DATA SHEET

Sikalastic 777



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Other adverse effects

Product:

Additional ecological information : Harmful to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

- Waste from residues : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical 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.

If potential for exposure exists refer to Section 8 for specific personal protective equipment.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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 regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

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

Standard for the Uniform Scheduling of Medicines and Poisons : No poison schedule number allocated

International Chemical Weapons Convention (CWC) : Not applicable

SAFETY DATA SHEET

Sikalastic 777



Version 1.0	Revision Date: 06.07.2022	SDS Number: 100000036382	Date of last issue: - Date of first issue: 06.07.2022
----------------	------------------------------	-----------------------------	--

Schedules of Toxic Chemicals and Precursors Prohibition/Licensing Requirements : There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.

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

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

SECTION 16. OTHER INFORMATION

Revision Date : 06.07.2022
Date format : dd.mm.yyyy

Full text of other abbreviations

ACGIH BEI : ACGIH - Biological Exposure Indices (BEI)
AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.
AU OEL / TWA : Exposure standard - time weighted average
AU OEL / STEL : Exposure standard - short term exposure limit
ADG : Australian Dangerous Goods Code.
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS : Chemical Abstracts Service
DNEL : Derived no-effect level
EC50 : Half maximal effective concentration
GHS : Globally Harmonized System
IATA : International Air Transport Association
IMDG : International Maritime Code for Dangerous Goods
LD50 : Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50 : Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
MARPOL : International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
OEL : Occupational Exposure Limit
PBT : Persistent, bioaccumulative and toxic
PNEC : Predicted no effect concentration
REACH : Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
SVHC : Substances of Very High Concern
vPvB : Very persistent and very bioaccumulative

SAFETY DATA SHEET

Sikalastic 777



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Safety Data Sheets are updated frequently. Please ensure that you have a current copy. SDS 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.



Changes as compared to previous version !

AU / EN