

Material Safety Data Sheet

Sikaflex[®] 227



NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

COMPANY DETAILS

COMPANY: Sika New Zealand Limited
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IDENTIFICATION

PRODUCT NAME:	Sikaflex [®] 227
OTHER NAMES:	None
MANUFACTURER'S PRODUCT CODE:	None allocated
U.N. NUMBER:	None allocated
DANGEROUS GOODS CLASS:	None allocated
HAZCHEM CODE:	None allocated
POISONS SCHEDULE NUMBER:	None allocated
USE:	Sealing material for all types of joints including sheet metal on vehicles caravans, duct work and general joint sealing

PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE:	Highly thixotropic, tacky material in various colours. Cures by reaction with moisture in the air to an elastic rubber like material.
BOILING POINT/MELTING POINT:	Not available
VAPOUR PRESSURE:	Not available

ADVICE NOTE:

*The information contained in this Material Safety Data Sheet corresponds to our best knowledge at the time of publication. Each user should read the MSDS and Technical Data Sheet prior to handling and use.
This product is sold subject to our latest standard terms and conditions*

SPECIFIC GRAVITY:	Approximately 1.26
FLASHPOINT:	>65°C
FLAMMABILITY LIMITS:	Not applicable
SOLUBILITY IN WATER:	Insoluble @ 20°C

OTHER PROPERTIES:

Hazardous reactions : Possible with Amines,
And Alcohols

INGREDIENTS:

<i>Chemical Name:</i>	<i>CAS Number:</i>	<i>Proportion:</i>
Polyurethane prepolymer	-	<35%
Plasticiser Di-isodecyl phthalate	26761-40-0	<30%
Non-hazardous inorganic fillers	-	<25%
Organic Polymeric fillers	-	<10%
Pigment	-	<5%
White spirit	8052-41-3	<2%
Xylene	1330-20-7	to 100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

Acute:

Swallowed: Harmful – may cause health disorders.
Eye: Irritant – seek medical advice.
Skin: Mild irritant due to solvent – avoid contact.
Inhaled: Irritation – vapours have a narcotic effect. Reaction time and sense of coordination may be affected.

Chronic:

Potential skin sensitiser due to xylene.

FIRST AID:

Swallowed: If swallowed, do NOT induce vomiting – seek medical attention.
Eye: Immediately hold eyes open. Flood with water for at least 15 minutes and seek medical advice.
Skin: Remove contaminated clothing. Wash affected skin areas with soap and water.
Inhaled: Not normally a hazard but if overcome, remove to fresh air and resuscitate as necessary – seek medical attention.
First Aid Facilities: Eye wash station. Showering facility.

ADVICE TO DOCTOR:

No specific antidote. Treat symptomatically.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS:	Xylene	80 ppm 350 mg/m ³ 150 ppm 655 mg/m ³	TWA STEL
	Ethyl benzene	100 ppm 434 mg/m ³ 125 ppm 543 mg/m ³	TWA STEL
	Methanol	200 ppm 262 mg/m ³ 250 ppm 328 mg/m ³	TWA STEL
	Isocyanate (all as – NCO)	0.02 mg/m ³ 0.07 mg/m ³	TWA STEL

Avoid exceeding exposure limits by use of ventilation and / or personal protection.

Follow good working practice : handle with care, avoid ingestion, inhalation, eye or skin contact. Do not smoke while using this product. Wash hands with soap and water before eating, drinking, smoking or using toilet facilities.

ENGINEERING CONTROLS: Local ventilation not normally necessary but should be considered if used in poorly ventilated or very confined spaces alternatively a respiratory protection mask fitted with a type A filter and complying with AS/NZ 1716 Respiratory Devices and used in accordance with AS/NZ 1715 which describes use and maintenance.

PERSONAL PROTECTION: Avoid contact with skin and eyes by wearing long impervious gloves, (Rubber, Neoprene, PVC complying to AS/NZ 2161) and industrial safety glasses. Respiratory protection complying with AS/NZ 1715, 1716 should be worn if ventilation at the workplace is inadequate. Apply barrier creams to exposed skin areas.

Do not store or consume food, drink or tobacco in an area where they may become contaminated with this material. Wash thoroughly before eating, smoking, applying cosmetics etc. Thoroughly launder work clothes before reuse.

FLAMMABILITY: Product is not flammable, therefore does not need to be handled, used or stored in a flameproofed area.

SAFE HANDLING INFORMATION

STORAGE & TRANSPORT:	General	:	Product can be handled and stored safely
	Storage	:	With only minimal hazard to operators
	UN Number	:	Free
	Dangerous Goods Class and Subsidiary Risk	:	Not applicable
	Packaging Group	:	Not applicable
	HAZCHEM Code	:	Not applicable
	IATA Class	:	Free
	IMDG Reference	:	Free
	Minimum temperature	:	5°C
	Maximum temperature	:	35°C
	Incompatible DG Classes	:	Classes 5.1, 5.2
	Incompatible Receptacle	:	Unapproved plastic containers
	Incompatible Substances:		Strong oxidising agents, acids or bases
	Emergency Produce Guide Date	:	Not applicable

Product should be stored in properly resealed containers if not all used in the first application. Product should be stored in a cool, dry place.

SPILLS & DISPOSAL:

In case of spill, wear personal protection as indicated above. Spilt material should be absorbed into dry, inert material (eg sand), which then can be put into appropriately labelled drums. The wasted material can be disposed of by incineration (preferably high temperature), by an approved agent according to local regulations.

FIRE/EXPLOSION HAZARD:

Extinguishing Media: Water mist, foam, Carbon Dioxide, dry powder.

Hazardous combustion products: Carbon Monoxide, Carbon Dioxide and other possibly toxic gases and vapours on burning.

Product will not decompose explosively.

Product as received will not present a dust explosion hazard. However, should cured material made using this product be machined or sanded, a dust explosion hazard may be created. Therefore all dust generated should be removed as quickly as possible, preferably by using a vacuum cleaner.

OTHER INFORMATION:

Prevent spillage from entering waterways or drains.

CONTACT POINT:

Operations Manager (09) 820 2900 or (09) 820 1432.