

# Material Safety Data Sheet

## Sikaflex<sup>®</sup>-290 DC



NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

### COMPANY DETAILS

**COMPANY:** Sika Australia Pty. Limited A.C.N. 001 342 329  
Sika New Zealand Limited

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0800 734 607 (NZ)

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## IDENTIFICATION

PRODUCT NAME:	Sikaflex <sup>®</sup> -290 DC
OTHER NAMES:	Not relevant
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:	Sealant for sealing or caulking the seams or joints between marine and other deck timbers.

### PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE:	Slightly thixotropic, tacky material in black. Cures by reaction with moisture in the air to a tough elastic rubber like material.
BOILING POINT/MELTING POINT:	Not applicable
SPECIFIC GRAVITY:	1.2 - 1.3
VAPOUR PRESSURE:	Not measurable
FLASHPOINT:	>100°C
FLAMMABILITY LIMITS:	Not applicable
SOLUBILITY IN WATER:	Not applicable

### 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.*

### OTHER PROPERTIES:

## INGREDIENTS:

Chemical Name:	CAS Number:	Proportion:
Polyurethane Prepolymer	-	30 – 60 %
Plasticiser	-	10 – 30 %
White Spirit	8052-41-3	< 10 %
Xylene	1330-20-7	< 10 %
Curing Agent & Adhesion Promoter	-	< 10 %
Pigment	-	< 10 %
Calcium Carbonate Filler	-	< 10%
TDI / MDI	584-84-9 / 5124-30-1	< 1 %
PVC Filler	-	to 100%

## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS:

#### Acute:

Swallowed:	Harmful - seek medical advice.
Eye:	Irritant - seek medical advice.
Skin:	Mild irritant due to solvent - avoid contact.
Inhaled:	No hazard in general use, good ventilation required in confined spaces.

#### Chronic:

*Potential skin sensitiser due to xylene.*

### FIRST AID:

Swallowed:	Do not induce vomiting - seek medical attention.
Eye:	Immediately hold eyes open - wash with copious quantities of water for at least 15 minutes and seek medical attention.
Skin:	Remove affected clothing and thoroughly wash affected area 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:	

### ADVICE TO DOCTOR:

In all cases of ingestion, seek advice from Poisons Information Centre.

## PRECAUTIONS FOR USE

### EXPOSURE STANDARDS:

White Spirit	790 mg/m <sup>3</sup>	TWA		
Xylene	80ppm	TWA	150ppm	STEL
Isocyanates	0.02 mg/m <sup>3</sup>	TWA	0.07mg/m <sup>3</sup>	STEL

### ENGINEERING CONTROLS:

Local ventilation not normally necessary but should be considered if used in poorly ventilated or very confined spaces.

### PERSONAL PROTECTION:

PVC or nitrile rubber gloves are recommended if prolonged and extensive skin contact likely. If used in poorly ventilated or very confined spaces alternatively a respiratory protection mask fitted with a type A1 filter and complying with AS 1716 Respiratory Devices and used in accordance with AS 1715 which describes use and maintenance.

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.

**FLAMMABILITY:**

Not flammable under conditions of use in well ventilated areas. The product will burn if exposed to direct flame. A fire will cause the decomposition of the polyurethane causing the production of carbon dioxide, carbon monoxide and oxides of nitrogen. Burning PVC filler will generate acidic hydrogen chloride gas. Self contained breathing apparatus is recommended when fighting fires involving large quantities of Sikaflex.

## SAFE HANDLING INFORMATION

**STORAGE & TRANSPORT:**

Storage between 0°C and 30°C is recommended. Above 45°C material may polymerise without hazard. Protect from moisture and extremes of temperature .

**SPILLS & DISPOSAL:**

NOT OF SPILLABLE CONSISTENCY

Clean up with cloth or tissue moistened with white spirits or allow to cure and remove mechanically. Dispose of at an approved landfill waste disposal site when fully cured.

**FIRE/EXPLOSION HAZARD:**

Fight fires with foam, CO<sub>2</sub> or dry chemical extinguishers. Do not use water. Produces oxides of nitrogen and hydrogen chloride gas on combustion.

**OTHER INFORMATION:**

Persons known to be hypersensitive (asthma, chronic bronchitis) should not use this product.

This product contains trace quantities of Toluene Diisocyanate (TDI) and Methylene Bisphenol Isocyanate (MDI) monomers. Testing in Europe has shown that during application and curing these monomers are present in the air at levels significantly below published Worksafe Exposure Standards and are deemed not to be dangerous.

**CONTACT POINT:**

Responsible Care Co-ordinator or Laboratory Manager  
(02) 9725 1145 (AUS)

Operations Manager (09) 828 7002 or (09) 820 1432 (NZ)