

# Material Safety Data Sheet

## Sikadur-Combiflex<sup>®</sup>



NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

### COMPANY DETAILS

**COMPANY:** Sika Australia Pty. Limited A.C.N. 001 342 329  
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0800 734 607 (NZ)

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### IDENTIFICATION

**PRODUCT NAME:** Sikadur-Combiflex<sup>®</sup>

**OTHER NAMES:** Hypalon

**MANUFACTURER'S PRODUCT CODE:** None assigned

**U.N. NUMBER:** None assigned

**DANGEROUS GOODS CLASS:** None assigned

**HAZCHEM CODE:** None assigned

**POISONS SCHEDULE NUMBER:** None assigned

**USE:** Flexible waterproof sheeting for expansion joints

### PHYSICAL DESCRIPTION/PROPERTIES:

**APPEARANCE:** Grey sheet

**BOILING POINT/MELTING POINT:** Not available

**VAPOUR PRESSURE:** Not applicable

**SPECIFIC GRAVITY:** Approx 1.14 kg/litre

**FLASHPOINT:** Not applicable

**FLAMMABILITY LIMITS:** Not applicable

**SOLUBILITY IN WATER:** Nil

### 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:**

<i>Chemical Name:</i>	<i>CAS Number:</i>	<i>Proportion:</i>
Chlorosulphonated Polyethylene	-	> 60 %
Carbon Tetrachloride	56-23-5	< 1%
Chloroform	67-66-3	< 1 %
Non-hazardous ingredients	-	100 %

## HEALTH HAZARD INFORMATION

**HEALTH EFFECTS:**

*Acute:*

Swallowed:	Ingestion is unlikely to occur however, large amounts may cause nausea and vomiting.
Eye:	Not applicable. Exposure to fumes from molten material may cause irritation to eyes.
Skin:	Not applicable. Exposure to molten material may cause skin burns.
Inhaled:	Not applicable. Exposure to fumes from molten material may cause irritation to mucous membranes and respiratory tract.

*Chronic:*

Swallowed:	Not applicable.
Eye:	Not applicable.
Skin:	Not applicable.
Inhaled:	Not applicable. This product would contain trace amounts of chlorinated hydrocarbons. Carbon Tetrachloride and chloroform have been classified as carcinogens based on tests with laboratory animals. Exposure to carbon tetrachloride at concentrations above the PEL may cause liver damage.

**FIRST AID:**

Swallowed:	If swallowed, rinse mouth with water. Give plenty of water to drink. If vomiting occurs, give further water. Contact doctor or Poisons Information Centre.
Eye:	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
Skin:	If skin contact occurs, remove contaminated clothing and wash skin thoroughly.  Should molten material contact the skin and adhere, cool quickly with running water – do not attempt to remove. Seek medical attention.
Inhaled:	Move to fresh air. Seek medical advice if effects persist.
First Aid Facilities:	Eye washes and clean running cold water should be available.

**ADVICE TO DOCTOR:**

No adverse health effects are expected with the product in its original form when used in accordance with this Material Safety Data Sheet. If adverse symptoms appear, treat symptomatically.

## PRECAUTIONS FOR USE

EXPOSURE STANDARDS:

Exposure standards for constituents, thermal degradation products:

	TWATLV		Carcinogen Category
Carbon Tetrachloride	10 ppm	5 ppm	A2 ACGIH
Chloroform	50 ppm	10 ppm	A2 ACGIH
Hydrogen Chloride	N/A		

These exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**ENGINEERING CONTROLS:** If welding, use in well-ventilated area. Avoid exposure to fumes emanating from molten material. The use of forced ventilation away from personnel can be effective.

**PERSONAL PROTECTION:** Use heat protection gloves when handling hot or molten material. The use of safety goggles / glasses is recommended.

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:** Solid polymer can be combusted only with difficulty. May emit fumes during combustion and welding containing:

Carbon Monoxide  
Carbon Dioxide  
Formaldehyde  
Hydrogen Chloride

## SAFE HANDLING INFORMATION

**STORAGE & TRANSPORT:** Store in cool, dry conditions. Protect from exposure to UV light. Stable at normal temperatures and storage conditions.

Not classified as Dangerous Goods

**SPILLS & DISPOSAL:** Spills Not applicable.  
Disposal. Unlikely to be hazardous to aquatic life. Do not dispose of in sewer or storm water system. Seek advice from local Authority on requirements for approved methods of disposal.

**FIRE/EXPLOSION HAZARD:** Stable under normal conditions.  
On combustion or during welding processes, toxic fumes including those of hydrogen chloride, carbon monoxide and carbon dioxide may be emitted. Fire fighters should wear self-contained breathing apparatus if risk of exposure to fumes of combustion products.  
Suitable extinguishing media – water, foam, carbon dioxide, dry chemical.

**OTHER INFORMATION:** Avoid storing near strong oxidizing agents, acids or in contact with organic solvents.

**CONTACT POINT:** Responsible Care Co-ordinator or Laboratory Manager  
(02) 9725 1145 (AUS)

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