



## SAFETY DATA SHEET SX POLYSULPHIDE SEALANT

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME SX POLYSULPHIDE SEALANT

SUPPLIER Siroflex Ltd.  
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APPLICATION External construction joints.

EMERGENCY TELEPHONE (+44) 01226 771600 (office hours only)

### 2 HAZARDS IDENTIFICATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION (1999/45) R52/53.

#### HUMAN HEALTH

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
LIQUID POLYSULPHIDE POLYMER with thiol end groups (MW >1800)		68611-50-7	10-30%	R52/53.
CALCIUM OXIDE	215-138-9	1305-78-8	1-5%	Xi;R37/38,R41.
2-MERCAPTOETHANOL	200-464-6	60-24-2	< 1%	T;R23/24/25.

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

Polysulphide polymer, with fillers, plasticiser and auxiliaries.

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

#### INHALATION

Unlikely route of exposure as the product does not contain volatile substances.

#### INGESTION

Immediately rinse mouth and drink plenty of water. If person becomes uncomfortable or if ingested in large amounts (50-100 ml for an adult person): Take to hospital along with these instructions.

#### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Water spray. Foam, carbon dioxide or dry powder.

**SX POLYSULPHIDE SEALANT****6 ACCIDENTAL RELEASE MEASURES**

## PERSONAL PRECAUTIONS

Wear appropriate protective clothing.

## ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains, water courses or onto the ground.

## SPILL CLEAN UP METHODS

Shovel into dry containers. Cover and move the containers. Flush the area with water. Wash thoroughly after dealing with a spillage.

**7 HANDLING AND STORAGE**

## USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Observe good chemical hygiene practices.

## STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

## PROTECTIVE EQUIPMENT



## ENGINEERING MEASURES

Well-ventilated area.

## HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

## EYE PROTECTION

Wear approved safety goggles.

## HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Uncured -paste. Cured - rubber.		
COLOUR	Misc. colours		
ODOUR	Mercaptan		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	1.69 - 1.72 @20°C	VISCOSITY	7,000 - 14,000 Ps @ 20°C
FLASH POINT (°C)	> 100	AUTO IGNITION	430
		TEMPERATURE (°C)	

**10 STABILITY AND REACTIVITY**

## STABILITY

Stable under normal temperature conditions and recommended use.

## CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

## MATERIALS TO AVOID

Strong oxidising substances.

## HAZARDOUS DECOMPOSITION PRODUCTS

No specific hazardous decomposition products noted.

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50 Not determined

## INHALATION

No specific health warnings noted.

## INGESTION

No harmful effects expected in amounts likely to be ingested by accident.

**SX POLYSULPHIDE SEALANT****SKIN CONTACT**

Prolonged and frequent contact may cause redness and irritation. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

**EYE CONTACT**

May cause irritation to eyes.

**HEALTH WARNINGS**

Product contains: alkaline material which can cause skin irritation and eye damage.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

LC 50, 96 Hrs, FISH mg/l                      Not determined

**MOBILITY**

The product is insoluble in water.

**BIOACCUMULATION**

No data available on bioaccumulation.

**DEGRADABILITY**

Product contains: Polysulphide polymer: which is: Poorly biodegradable.

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**WASTE CLASS**

H14 - Ecotoxic

Recommended EWC Code 08 04 09\*

**14 TRANSPORT INFORMATION****GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**15 REGULATORY INFORMATION****RISK PHRASES**

R52/53                      Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**SAFETY PHRASES**

S60                      This material and its container must be disposed of as hazardous waste.

P14                      Contains 3-GLYCIDOXYPROPYLTRIMETHOXYSILANE. May produce an allergic reaction.

**EU DIRECTIVES**

Dangerous Preparations Directive 1999/45/EC.

**STATUTORY INSTRUMENTS**

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

**16 OTHER INFORMATION**

REVISION DATE                      03/10/07

REV. NO./REPL. SDS GENERATED    19/07/06

SDS NO.                                      10267

**RISK PHRASES IN FULL**

R52/53                      Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R37/38                      Irritating to respiratory system and skin.

R41                                      Risk of serious damage to eyes.

R23/24/25                      Toxic by inhalation, in contact with skin and if swallowed.