



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

Supercast SWX Safety Data Sheet

Safety Data Sheet

Product: **Supercast SWX**

Supplier:

Arcon Construction Supplies
19-20 Prestwood Court
Leacroft Road
Warrington
WA3 6SB

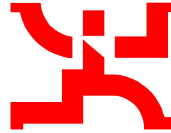
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Call **01925 852225** or visit [Arcon Construction Supplies](http://www.arconconstruction.com)
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SAFETY DATA SHEET

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

Product Name: **SUPERCAST SWX**

Application: Gun grade hydrophilic for use as an adhesive with Supercast SW or as a problem solving gunable hydrophilic.

Company: **Fosroc Limited**

Address: Coleshill Road, Tamworth, Staffordshire. B78 3TL

Telephone: 01827 262222 (Out of Hours) 01827 265279 Fax: 01827 262444

2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Isocyanate terminated polyurethane polymer, inert fillers, aromatic hydrocarbon solvent.

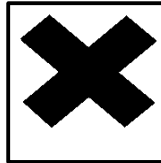
Hazardous Ingredient(s)	Symbol	Risk Phrases	Other Information	%
tetramethylxylene diisocyanate (m-TMXDI)	T	R44-23-38-43	Cas No: 2778-42-9	<2
aromatic hydrocarbons	Xn	R10, 65	Cas No: 64742-95-6	<6

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt.

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

May cause sensitisation by skin contact.



IRRITANT

4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention urgently.

Skin: Wash immediately with soap and water or suitable skin cleanser. Remove contaminated clothing immediately.

Inhalation: Remove from exposure, rest and keep warm and obtain medical attention urgently.

Ingestion: Wash out mouth with water. Obtain medical attention urgently.

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, powder or foam.

Special Exposure Hazards: Toxic fumes. For further information see Section 10.

Special Protective Equipment: Self-contained breathing apparatus.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing, gloves and eye/face protection.

Environmental Precautions: Prevent entry into drains, sewers and water courses.

Decontamination Procedures: Soak up with inert absorbent or contain and remove by best available means. Gather into containers. Clean contaminated area with water.

7: HANDLING AND STORAGE

Handling: Maintain good standards of personal hygiene. Use only in well ventilated areas. Avoid breathing vapours. Avoid skin and eye contact. In case of insufficient ventilation, wear suitable respiratory equipment.

Storage: Keep containers dry and tightly closed. Store between (°C) 5 - 25.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:-

Substance	8 Hour TWA	STEL	Source/Other Information
tetramethylxylene diisocyanate (m-TMXDI)	0.05ppm (MEL)	0.1ppm(MEL)	Cytec
trimethylbenzenes, - all isomers or mixtures	125 mgm ⁻³	- - - - -	EH40

Engineering Control Measures: Use only in well ventilated areas. Local exhaust ventilation is recommended.

Personal Protective Equipment: In case of insufficient ventilation wear suitable respiratory equipment. Avoid skin and eye contact. Impervious gloves (eg PVC). Safety glasses / Goggles.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Paste.

Colour: Grey.

Odour: Faint.

pH(concentrate): Not applicable.

Boiling Point/Range (°C): >130

Flash Point (closed, °C): >65

Autoflammability (°C): >200

Vapour Pressure (kPa at 20°C): Not determined.

Relative Density (at 20°C): 1.0 - 1.1

Water Solubility: Insoluble

10: STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Contamination with water. Temperatures (°C) above 50°C.

Materials to Avoid: Contamination by water. Alcohols. Amines. Peroxides.

Hazardous Decomposition Products: Thermal decomposition:- Oxides of carbon, and nitrogen in some fire circumstances, hydrogen cyanide.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components.

Oral LD50, rat >15g/kg
Classified as a skin sensitiser.

Health Effects

On Eyes: May cause transient irritation.

On Skin: Irritation. May cause sensitisation.

By Inhalation: Inhalation may cause irritation of the respiratory tract and eyes.

By Ingestion: May cause nausea, vomiting and diarrhoea.

Chronic: Repeated and prolonged skin contact may lead to skin disorders.

Other: Laboratory studies have shown that m-TMXDI does not produce pulmonary sensitisation in guinea pigs. A clinical study of immune response and respiratory health on 97 employees exposed to m-TMXDI for over three years, reported no pulmonary sensitisation or other immune mediated disease.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed of as intended, no adverse environmental effects are foreseen.
Mobility:	Insoluble in water.
Persistence and Degradability:	Not readily biodegradable.
Bioaccumulative Potential:	Not expected to be bioaccumulative.
Ecotoxicity:	Expected to be ecotoxic to fish/daphnia/algae.

13: DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose of through an authorised waste contractor to a licensed site. May be exposed to air to give an inert polymeric material.
Used/Contaminated Product:	Dispose of through an authorised waste contractor to a licensed site.
Packaging:	Contains hazardous residues, must be disposed of through an authorised waste contractor.

14: TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

15: REGULATORY INFORMATION

Hazard Label Data:-

Named Ingredients:	tetramethylxylene diisocyanate (m-TMXDI)
Symbol(s):	Xi
Risk Phrases:	May cause sensitisation by skin contact.
Safety Phrases:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice After contact with skin, wash immediately with plenty of soap and water Wear suitable protective clothing, gloves and eye/face protection In case of insufficient ventilation, wear suitable respiratory equipment In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) Contains isocyanates. See information supplied by the manufacturer
EC Directives:	Dangerous Substances Directive, 67/548/EEC and adaptations. Dangerous Preparations Directive, 88/379/EEC. Safety Data Sheets Directive, 91/155/EEC.
Statutory Instruments:	Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regs. 1996 (SI 1092). Control of Substances Hazardous to Health Regs. 1994 (SI 3246).
Codes of Practice:	Waste Management. The Duty of Care. Packaging of dangerous substances for carriage by road (L15).
Guidance Notes:	Occupational exposure limits (EH 40). Isocyanates: toxic hazards and precautions (EH16).

The above publications are available from HMSO

16: OTHER INFORMATION

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from Fosroc Ltd.

If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

Further copies of this Safety Data Sheet may be obtained from Fosroc Limited.

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SDS Reference: H701/78