



SAFETY DATA SHEET

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

Product Name: **SUPERCAS TWINSTOP RANGE**

Application: Cast in-situ PVC Waterstop with water swellable insert.

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: plasticised polyvinyl chloride thermoplastic, polyacrylate polymer.

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

No significant hazard.

4: FIRST AID MEASURES

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

Skin: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.

Inhalation: Remove from exposure - unlikely to occur.

Ingestion: Do NOT induce vomiting. Obtain medical attention urgently.

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, powder, foam or water fog - Do not use water jets.

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

Special Protective Equipment: Self-contained breathing apparatus.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: None.

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

Decontamination Procedures: Solid product : Gather into containers.

7: HANDLING AND STORAGE

Handling: No special precautions.
Hot weld on-site jointing of PVC Waterstops liberates hydrogen chloride mist and vapour. Ensure adequate ventilation. Do not smoke. Avoid breathing fumes and vapours. In case of insufficient ventilation, wear suitable respiratory equipment.

Storage: No special precautions.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:- Hot weld on-site jointing.

Substance	8 Hour TWA	STEL	Source/Other Information
hydrogen chloride	---	5mgm ⁻³	EH40

Engineering Control Measures: No specific ventilation requirement noted.
Hot weld on-site jointing:- Provide ventilation at floor level and at normal height.

Personal Protective Equipment: In case of insufficient ventilation wear suitable respiratory equipment.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid.
Colour: Blue. Black.
Odour: Odourless.
Boiling Point/Range (°C): Not applicable.
Flash Point (closed, °C): None.
Explosive Properties (%): Not applicable.
Oxidising Properties: Not applicable.
Relative Density (at 20°C): 1.4
Water Solubility: Swellable.

10: STABILITY AND REACTIVITY

Stability: Stable.
Conditions to Avoid: Contamination with water.
Materials to Avoid: None known.
Hazardous Decomposition Products: Thermal decomposition:-:- Chlorine compounds including hydrogen chloride. Nitrogen compounds.

11: TOXICOLOGICAL INFORMATION

Health Effects

On Eyes: Vapour from hot weld on-site jointing causes severe irritation.
On Skin: Heated material may cause burns.
By Inhalation: Low volatility makes inhalation unlikely at ambient temperatures. When heated emits fumes that irritate the respiratory system.
By Ingestion: Low order of acute toxicity. Product will swell causing abdominal discomfort.
Chronic: None known.

12: ECOLOGICAL INFORMATION

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

13: DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.
Unused Product: Dispose of in an approved manner.
Used/Contaminated Product: As for Unused product.
Packaging: The method of disposal must be acceptable to the local authority.

14: TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

15: REGULATORY INFORMATION

Hazard Label Data:-

This product is NOT classified as dangerous for supply in the UK.

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).
Environmental Protection (Duty of Care) Regs. 1991 (SI 2839).

Codes of Practice: Waste Management. The Duty of Care.

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.

Date Printed: 09/02/1999

SDS Reference: 42800/TWIN