



SAFETY DATA SHEET

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

Product Name: **EXPANDAFOAM**

Application: Joint filler / back-up strip.

Company: **Fosroc Limited**

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

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2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: expanded cross-linked polyethylene.

This foam is chemically unreactive and biologically inert.

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.

Inhalation: From overheated material - Remove from exposure, rest and keep warm and obtain medical attention urgently

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

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, powder, foam or water.

Special Exposure Hazards: Carbon dioxide, carbon monoxide and under some fire circumstances, acrolein and other aldehydes.

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. Dispose of as waste.

7: HANDLING AND STORAGE

Handling: As with all similar materials, can generate static electric charges which may discharge through operators causing minor discomfort..

Storage: Store away from sources of ignition. Static discharges may cause ignition of vapours from flammable solvents, etc., therefore do not store adjacent to these types of materials.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:- None assigned

Engineering Control Measures: No specific ventilation requirement noted.

Personal Protective Equipment: Wear suitable protective equipment depending on application, ie, cut resistant gloves when knife cutting, dust extraction and eye protection when grinding.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Cellular foam.
Colour: White.
Odour:
pH(concentrate): Not applicable (non-aqueous).
Melting Point/Range (°C): decomposes >300°C
Flash Point (closed, °C): None
Explosive Properties (%): Not applicable.
Oxidising Properties: Not applicable.
Water Solubility: Insoluble

10: STABILITY AND REACTIVITY

Stability: Stable.
Conditions to Avoid: Any source of ignition. Excessive heating can cause foam to decompose giving off combustible fumes.
Materials to Avoid: None known.
Hazardous Decomposition Products: Thermal decomposition:- Oxides of carbon, acrolein and other aldehydes.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components.
Expected oral LD50, rat > 2g/kg.

Health Effects

On Eyes: Abrasive material - may cause damage to eyes.
On Skin: Unlikely to irritate on brief or occasional exposure.
By Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.
By Ingestion: Low order of acute toxicity. May cause abdominal discomfort.

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 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.
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).

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.

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