

SAFETY DATA SHEET

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

Product Name: **EXPOCRETE UA(E) PART B**

Application: Hardener component of two part epoxy mortar.

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: polyaminoamide, inorganic fillers, surfactant, pigment.

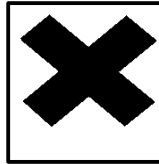
Hazardous Ingredient(s)	Symbol	Risk Phrases	Other Information	%
triazaundeca-methylenediamine	C	R21/22, 34, 43	Cas No: 112-57-2	<2.5
2,4,6-tris(dimethylamino methyl) phenol	Xn	R22, 36/38	Cas No: 90-72-2	>2.5 <10

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

Irritating to eyes and skin.
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 if irritation persists.
- Skin:** Wash immediately with copious quantities of water. Remove contaminated clothing immediately.
- Inhalation:** Remove from exposure. If feeling unwell obtain medical attention.
- Ingestion:** Wash out mouth with water. Obtain medical attention urgently. Do NOT induce vomiting. Beware of aspiration if vomiting occurs.

5: FIRE FIGHTING MEASURES

- Suitable Extinguishing Media:** Carbon dioxide, powder, foam or water.
- Special Exposure Hazards:** Toxic fumes. Nitrogen compounds, in some fire circumstances, hydrogen cyanide.
- 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. Dispose of as waste.

7: HANDLING AND STORAGE

Handling: Ensure adequate ventilation. Maintain good standards of personal hygiene. Avoid skin and eye contact.

Storage: Store in cool, dry area. Never leave a container unsealed.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:- None assigned

Engineering Control Measures: Use only in well ventilated areas.

Personal Protective Equipment: Avoid skin and eye contact. Impervious gloves (eg PVC). Goggles. Plastic apron and overalls.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Viscous liquid.

Colour: Black.

Odour: Amine

pH(concentrate): (50% g/l) 10 - 11

Melting Point/Range (°C): Not applicable

Flash Point (closed, °C): >200

Autoflammability (°C): Autoignition temperature: >325

Explosive Properties (%): Not applicable.

Oxidising Properties: Not determined.

Vapour Pressure (kPa at 20°C): 0.02

Relative Density (at 20°C): 1.78

Water Solubility: Insoluble.

10: STABILITY AND REACTIVITY

Stability: Stable if used as directed

Conditions to Avoid: None known.

Materials to Avoid: Strong oxidising agents. Strong acids.

Hazardous Decomposition Products: Thermal decomposition:- Oxides of carbon. Nitrogen compounds, 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 >2000 mg/kg

Classified as a skin sensitiser.

Health Effects

On Eyes: Causes transient irritation.

On Skin: Irritation. May cause sensitisation.

By Inhalation: May cause respiratory irritation.

By Ingestion: May cause irritation of mouth, throat and digestive tract.

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

12: ECOLOGICAL INFORMATION

Environmental Assessment: When used and disposed of as intended, no adverse environmental effects are foreseen.

Mobility: Thixotropic liquid. Insoluble in water.

Persistence and Degradability: Expected to be not readily biodegradable.

Bioaccumulative Potential: Not determined.

Ecotoxicity: Not 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 reacted with base component to give an inert polymeric material.

Used/Contaminated Product: Dispose of through an authorised waste contractor to a licensed site.

Packaging: 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: polyaminoamide

Symbol(s): Xi

Risk Phrases: Irritating to eyes and skin.
May cause sensitisation by skin contact.

Safety Phrases: Avoid contact with skin and eyes.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear suitable gloves and eye/face protection.

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).
Health & Safety at Work, etc. Act 1974.
Environmental Protection (Duty of Care) Regs. 1991 (SI 2839).

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

Guidance Notes: Occupational skin diseases: health and safety precautions (EH 26).

The above publications are available from HMSO

16: OTHER INFORMATION

Also refer to the Safety Data Sheet(s) for information on other components of this product.

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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