



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

Expocrete UA Safety Data Sheet

Safety Data Sheet

Product: Expocrete UA

Supplier:

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

Tel: 01925 852225

Email: mail@arconsupplies.co.uk

Web: www.arconsupplies.co.uk

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: **EXPOCRETE UA(E) PART A**

Application: Base 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: epoxy resin, inorganic fillers.

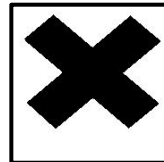
Hazardous Ingredient(s)	Symbol	Risk Phrases	Other Information	%
epoxy resin (number average molecular weight <700)	Xi, N	R36/38, 43, 51/53	Cas No: 25068-38-6	>10 <25
C ₁₀ -C ₁₆ alkyl glycidyl ether	Xi, N	R43, R51/53	Cas No: 68081-84-5 Cas No: Cas No: Cas No:	>2.5 <10

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

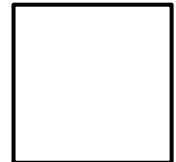
R36/38: Irritating to eyes and skin.
R43: May cause sensitisation by skin contact
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment



IRRITANT



Dangerous for the Environment



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. Obtain medical advice if skin disorders develop.

Inhalation: Remove from exposure. If feeling unwell obtain medical attention.

Ingestion: Obtain medical attention. Do NOT induce vomiting. Beware of aspiration if vomiting occurs.

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: 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: Avoid skin and eye contact. Maintain good standards of personal hygiene. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation.

Storage: Keep containers dry and tightly closed.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:- None assigned.

Substance	8 Hour TWA	STEL	Source/Other Information
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Engineering Control Measures: No specific ventilation requirement noted.

Personal Protective Equipment: Impervious gloves (eg PVC). Safety glasses (Conforming to EN 166) / Goggles (Conforming to EN 166). Plastic apron. Change contaminated clothing and clean before re-use.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Paste.

Colour: Off-white.

Odour: Mild.

pH(concentrate): Not applicable.

pH(working dilution):

Boiling Point/Range (°C): Not determined.

Melting Point/Range (°C):

Flash Point (closed, °C): >150

Autoflammability (°C): Autoignition temperature: >200

Viscosity (at 20°C):

Explosive Properties (%): Not known.

Oxidising Properties:

Vapour Pressure (kPa at 20°C): <0.01

Relative Density (at 20°C): 1.95

Water Solubility: Insoluble.

Fat Solubility: Not determined.

Partition Coefficient (n-octanol/water):

Other data:

10: STABILITY AND REACTIVITY

Stability: Stable: reacts with compounds containing amino, hydroxyl or carboxyl groups to give stable, cross linked materials.

Conditions to Avoid: None known.

Materials to Avoid: Strong acids. Strong alkalis. Strong oxidising agents.

Hazardous Decomposition Products: Thermal decomposition:- Oxides of carbon. Irritant fumes.

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.

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.

Other:

12: ECOLOGICAL INFORMATION

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

Mobility: Paste. Insoluble in water.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: Has the potential to bioaccumulate.

Ecotoxicity: 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 hardener component to give an inert polymeric material.

Used/Contaminated Product: As for Unused product.

Packaging: Must be disposed of through an authorised waste contractor.

14: TRANSPORT INFORMATION

UN Number: 3077

IMO: Class: 9 Packing Group: 111 Marine Pollutant: Yes

IATA/ICAO: Class: 9 Packing Group: 111

ADR: Class: 9 Item:

Transport Name: Environmentally hazardous substance, solid, NOS (Epoxy Resin)

Hazchem/Kemler Code:

15: REGULATORY INFORMATION

Hazard Label Data:-

Named Ingredients: epoxy resin (number average molecular weight <700).

UN Number: 3077

Symbol(s): Xi N

Risk Phrases: R36/38: Irritating to eyes and skin.
R43: May cause sensitisation by skin contact.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety Phrases: S28: After contact with skin, wash immediately with plenty of soap and water.
S37/39: Wear suitable gloves and eye/face protection.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S0062: Contains epoxy constituents. See information supplied by the manufacturer.



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.

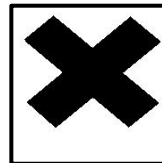
Hazardous Ingredient(s)	Symbol	Risk Phrases	Other Information	%
triazoundeca-methylenediamine	C	R21/22, 34, 43, 51/53	Cas No: 112-57-2	<2.5
2,4,6-tris(dimethylamino methyl) phenol	Xn	R22, 36/38	Cas No: 90-72-2	>2.5 <10
			Cas No:	
			Cas No:	
			Cas No:	

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.

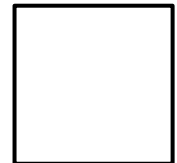
Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

R36/38: Irritating to eyes and skin.
R43: 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

Substance	8 Hour TWA	STEL	Source/Other Information
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Engineering Control Measures: Use only in well ventilated areas.

Personal Protective Equipment: Avoid skin and eye contact. Impervious gloves (eg PVC). Goggles (Conforming to EN 166). Plastic apron and overalls.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Viscous liquid.

Colour: Black.

Odour: Amine

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

pH(working dilution):

Boiling Point/Range (°C):

Melting Point/Range (°C): Not applicable

Flash Point (closed, °C): >200

Autoflammability (°C): Autoignition temperature: >325

Viscosity (at 20°C):

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.

Fat Solubility:

Partition Coefficient (n-octanol/water):

Other data:

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.

Other:

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.

UN Number:

IMO: Class: Packing Group: Marine Pollutant:

IATA/ICAO: Class: Packing Group:

ADR: Class: Item:

Transport Name:

Hazchem/Kemler Code:

15: REGULATORY INFORMATION

Hazard Label Data:-

Named Ingredients: polyaminoamide

UN Number:

Symbol(s): Xi

Risk Phrases: R36/38: Irritating to eyes and skin.
R43: May cause sensitisation by skin contact.

Safety Phrases: S24/25: Avoid contact with skin and eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39: Wear suitable gloves and eye/face protection.

EC Directives: Dangerous Substances Directive, 67/548/EEC and adaptations.
Dangerous Preparations Directive, 1999/45/EC.
Safety Data Sheets Directive, 91/155/EEC.

