



SAFETY DATA SHEET

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

Product Name: **CEBEX 100**

Application: Grout admixture.

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: silica sands, plasticisers, aluminium powder (stabilised).

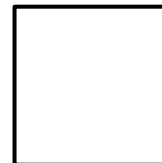
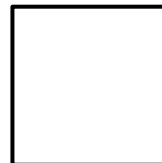
Hazardous Ingredient(s)	Symbol	Risk Phrases	Other Information	%
aluminium powder (stabilised)	None	R10, 15	Cas No: 7429-90-5 Cas No: Cas No: Cas No: Cas No:	<2.5

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

Long term inhalation may cause health problems.



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.

Ingestion: Wash out mouth with water.

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, powder or foam.

Special Exposure Hazards: Irritant 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: Solid product : Gather into containers. Avoid the creation of dust in atmosphere.

7: HANDLING AND STORAGE

Handling: Avoid breathing dust. Avoid creating dust. Avoid eye contact.

Storage: Keep containers dry and tightly closed.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:-

Substance	8 Hour TWA	STEL	Source/Other Information
silica, amorphous: total inhalable dust	6 mgm ⁻³	-----	EH40
respirable dust	2.4 mgm ⁻³		
aluminium metal total inhalable dust	10 mgm ⁻³	----	EH40
respirable dust	4 mgm ⁻³	----	

Engineering Control Measures: Atmospheric levels of dust must be maintained within the Occupational Exposure Limit.

Personal Protective Equipment: Safety glasses (Conforming to EN 166). Approved dust mask, conforming to EN 149. Nominal Protection Factor (NPF) to be determined.. Wear impervious gloves (eg of PVC), in case of repeated or prolonged contact.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Powder.

Colour: Silvery.

Odour: Slight/faint.

pH(concentrate):

pH(working dilution):

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

Melting Point/Range (°C):

Flash Point (closed, °C): None.

Autoflammability (°C): Not determined

Viscosity (at 20°C):

Explosive Properties (%): Can form explosive dust cloud.

Oxidising Properties: Not applicable.

Vapour Pressure (kPa at 20°C):

Relative Density (at 20°C): 1.3 (bulk)

Water Solubility: Insoluble.

Fat Solubility:

Partition Coefficient (n-octanol/water):

Other data:

10: STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Any source of ignition.

Materials to Avoid: Strong acids. Strong oxidising agents.

Hazardous Decomposition Products: Thermal decomposition:- Sulphur compounds.

11: TOXICOLOGICAL INFORMATION

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

Oral LD50, rat >5g/kg

Not classified as an eye or skin irritant.

Health Effects

On Eyes: Abrasive material - may cause damage to eyes.

On Skin: Unlikely to irritate on brief or occasional exposure.

By Inhalation: May cause irritation.

By Ingestion: Low order of acute toxicity. May cause nausea, vomiting and diarrhoea.

Chronic: Respirable dust, if inhaled over a prolonged period, constitute a health hazard. Inhalation of particles of free silica, in the respirable range, can give rise to fibrosis of the lungs.

Other:

12: ECOLOGICAL INFORMATION

Environmental Assessment: Little detailed information is available on the ecological effects of this product, but its overall environmental impact is not regarded as significant.

Mobility: Insoluble in water.

Persistence and Degradability: Not applicable.

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 through an authorised waste contractor to a licensed site.

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

Packaging: The method of disposal must be acceptable to the local authority.

14: TRANSPORT INFORMATION

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

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:-

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

Named Ingredients:

UN Number:

Symbol(s):

Risk Phrases: R10: Flammable
R15: Contact with water liberates highly flammable gases

Safety Phrases: S22: Do not breathe dust.
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.

EC Directives: Dangerous Preparations Directive, 88/379/EEC.
Dangerous Substances Directive, 67/548/EEC and adaptations.
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. 1999 (SI 3246).

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

Guidance Notes: Dust in the workplace: general principles of protection. (EH44).
Occupational exposure limits (EH 40).

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: CEBEX 100

REVISION

Supersedes issue no: dated:

Sections updated/revised - no(s): 1