

MATERIAL SAFETY DATA SHEET

MASONRY BINDER

1. Identification of the substance/preparation and company.

Product Name : Masonry Binder
Product Type : Stone, Concrete and Brick Impregnating Sealer
Application : Consolidation system
Supplier : Epoxy Products Limited
Address : Unit 7, Ferndown Industrial Estate, Wimborne, Dorset. BH21 7RZ England
Contact numbers : 01202 891 899
Emergency Telephone Number : 01202 891 899

2. Hazards Identification

The health hazard assessment is based on a consideration of the composition of this product.
HIGHLY FLAMMABLE

3. Composition/Information on Ingredients

<u>CAS/Registry No.</u>	<u>Material Description</u>	<u>% Content</u>
68412-37-3	Partially Hydrolysed Ethyl Silicates	< 10
78-10-4	Tetraethyl Silicate	< 15
64-17-5	Ethanol	< 20
	Acetone	< 20

4. First-aid Measures

Ingestion : Immediately rinse mouth with water. If accidentally swallowed obtain medical attention immediately.
Inhalation : Remove to fresh air. Keep patient warm and at rest. Obtain medical attention if ill effects occur
Skin Contact : In case of contact, Wash thoroughly with plenty of water and remove contaminated clothing.
Eye Contact : Immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held apart. Obtain medical attention immediately

5. Fire-fighting Measures

Extinguishing Media : Dry chemical powder, foam or carbon dioxide(CO²) and water mist.
Protective Equipment : Full protective clothing
Other Information : Keep adjacent containers cool by spraying with water. Do not allow contaminated water to enter the drain system

6. Accidental Release Measures

Personal Precautions : Keep away from sources of ignition – No smoking
Environmental Precautions : Do not release to the environment. Keep away from drains, water supply and soil.
Methods of Cleaning Up : Absorb spillage's in sand, sawdust or a suitable absorbent material. Transfer to a container for disposal.

7. Handling and Storage

7.1. Handling

Handle in accordance with good industrial hygiene and safety practices.
Avoid contact with skin, eyes and clothing. Provide good ventilation or extraction.

7.2. Protection Against Fire/Explosion

Keep away from sources of ignition- no smoking. Take precautionary measure against static charges. Explosion protection equipment required.

7.3. Storage

Keep in tightly sealed containers and store in a cool, dry and well ventilated place. Protect from moisture.

8. Exposure Controls/Personal Protection

Exposure Controls : Provide good ventilation when handling
Respiratory Protection : None required when handling outside or within well ventilated areas.
Industrial Hygiene : Do not inhale vapours. Do not wear contaminated clothing
Hand Protection : Rubber gloves
Eye Protection : Safety goggles.

9. Physical and Chemical Properties

Physical State : Clear liquid
Odour : Alcoholic
pH : 1 -2
Solubility in water : Not miscible
Flash Point : < 20°C
Explosive Limit : Not determined
Relative Density (20°C) : 1.050g/cm³
Other information : Vapours can form explosive mixtures

10. Stability and Reactivity

Stability : No decomposition below 200°C
Materials to avoid : None known to Epoxy Products Limited
Hazardous Decomposition : None known to Epoxy Products Limited

11. Toxicological Information

Inhalation	Vapour may cause narcotic effects
Skin Contact	Will cause skin irritation
Eye Contact	Will cause eye Irritation
Long term Exposure	No information available

12. Ecological Information

Ecotoxicity	Do not release to the environment without chemical precipitation / flocculation. No data available
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13. Disposal Considerations

Waste Disposal	Recover or recycle if possible. Otherwise dispose to licensed waste contractor.
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14. Transport Information

UN No	1993
ID Number	11
ADR/RID	Class 3
IMDG code	Class 3.2
ICAO / IATA –DGR	Class 3 UN/ID No: 1993 PG: 11
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S., (ETHYL SILICATES IN ETHANOL AND TETRAETHYL SILICATE) UN 1993

15. Regulatory Information

This product is classified and labelled for supply in accordance with the Chemicals (Hazard Information and Packaging for Supply)(Amendment) Regulations 1996 and according to the Dangerous Preparations Directive (88/379/EEC) as follows: -

Labelling (EC)	HAZARD SYMBOL: F = HIGHLY FLAMMABLE
R Phrases	11 HIGHLY FLAMMABLE
S Phrases	7 KEEP CONTAINER TIGHTLY CLOSED 16 KEEP AWAY FROM SOURCES OF IGNITION – NO SMOKING

16. Other Information

Date Issued : 16.03.2008
Reference : SD/MB/TL