Safety Data Sheet

Product: **BELZONA® 4211 (Magma-Stop)**
Date: **JANUARY 1997**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	Belzona Polymerics Ltd. Claro Road, Harrogate, HG1 4AY. Tel: +44 (0) 1423 567641 Emergency Tel: +44 (0) 1423 503218 Product Type: One-pack cementitious repair material
2. COMPOSITION/INFORMATION ON INGREDIENTS	Cement powder > 50% Calcium Hydroxide 2-10%
3. HAZARDS IDENTIFICATION	Irritant. Prolonged or repeated inhalation of dust can cause chemical asthma and possible injury to lungs. Prolonged or repeated contact can cause sensitization and dermatitis.
4. FIRST AID MEASURES Inhalation	Remove to fresh air. If symptoms persist seek medical attention.
Skin	After contact with skin, wash immediately with plenty of soap and water. If irritation persists seek medical attention.
Eyes	Flush immediately with copious amounts of water for at least 15 minutes. Seek medical attention promptly.
Ingestion	Do not induce vomiting. Immediately rinse mouth with water. Drink plenty of water. Seek medical attention promptly.
5. FIRE-FIGHTING MEASURES Extinguishing Media	Non-flammable
Unsuitable	Not applicable
Special Procedures	Not applicable
6. ACCIDENTAL RELEASE MEASURES Personal Precautions	Wear suitable protective gloves and clothing.
Environmental Precautions	Do not allow to contaminate water, effluent or soil. Observe Local Bye Laws.
Cleansing Methods	Avoid creation of dust in atmosphere. Sweep up and place into suitable labelled container. Flush contaminated area with detergent and water.
7. HANDLING AND STORAGE	Avoid contact with skin and eyes. When using do not eat, drink or smoke. Store in tightly lidded containers in dry conditions between 5°C and 30°C.
8. EXPOSURE CONTROLS AND PERSONAL PROTECTION Respiratory	In confined areas or where good natural/mechanical ventilation is not available leading to a risk of exceeding the exposure limits indicated, respiratory protection should be used.
Hands	Impermeable nitrile or neoprene gloves.
Eyes	Faceshield/Goggles
Other	Suitable protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES	
Boiling point	Not applicable
Flash Point (Closed Cup)	Not applicable
Flammability	Not applicable
Autoflammability	No information available
Explosive Properties	Not applicable
Oxidising Properties	Not applicable
Vapour Pressure	Not applicable
Relative Density	1.35 (bulk)
Solubility in Water	Insoluble
Other Data	-
10. STABILITY AND REACTIVITY	Stable
Conditions to Avoid	Not applicable
Materials to Avoid	Water and strong mineral acids.
Hazardous Decomposition Products	Gaseous combinations of carbon, hydrogen and oxygen.
11. TOXICOLOGICAL INFORMATION	Calcium Hydroxide: OES (8hr TWA) 5 mg m^{-3} Silica, amorphous: Total inhalable dust OES (8hr TWA) 6 mg m^{-3} Respirable dust OES (8hr TWA) 3 mg m^{-3} Portland Cement: Total inhalable dust OES (8hr TWA) 10 mg m^{-3} Respirable dust OES (8hr TWA) 5 mg m^{-3}
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.
Mobillity:	Insoluable in water.
Persistance and Degradability:	Not readily biodegradable.
Bioaccumulative Potential:	Not determined
Ecotoxicity:	Not expected to be ecotoxic to fish/daphnia or algae in cured state.
13. DISPOSAL	Disposal must be carried out in accordance with Local and National Regulations.
14. TRANSPORT INFORMATION	
Hazard Warning	Not applicable
UN No.	Not applicable
IMO/IMDG	Not applicable
ICAO/IATA	Not applicable
RID/ADR	Not applicable
15. REGULATORY INFORMATION	
Hazard	Irritant
Risk Phrases	Irritating to eyes, respiratory system and skin.
Safety Phrases	Do not breathe the vapour/spray. 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. Wear suitable protective clothing.
16. OTHER INFORMATION	Adequate ventilation is that which ensures that the oxygen content of the air being breathed is greater than 18% and that any airborne contaminants with occupational exposure limits do not exceed quoted MEL or OES values.

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Printed in England Publication No. 18-1-97

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BS EN ISO 9002 : 1994
Certificate No Q/09335