Safety Data Sheet

Product: BELZONA® 5122 (Clear Cladding Concentrate)
Date: NOVEMBER 1996

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: Single pack masonry waterproofing material.
2. COMPOSITION/INFORMATION ON INGREDIENTS	Partially neutralized aminofunctional polydimethylisiloxane Tetraethylsilicate Methanol	30-40% 10-25% 0-1%
3. HAZARDS IDENTIFICATION	Flammable. Risk of serious damage to eyes.	
4. FIRST AID MEASURES		
Inhalation	Remove to fresh air	
Skin	Remove excess with clean cloth and wash skin thoroughly with soap and water. If irritation persists seek medical attention.	
Eyes	Rinse immediately with copious amounts of water for at least 15 minutes. Seek medical attention promptly.	
Ingestion	Do not induce vomiting. Drink plenty of water. Seek medical attention promptly.	
5. FIRE-FIGHTING MEASURES		
Extinguishing Media	Dry powder. Foam. Carbon dioxide. Water fog.	
Unsuitable	Water jet.	
Special Procedures	Fire fighters must wear self contained breathing apparatus due to the toxic nature of evolved gases.	
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	Absorb with dry inert material such as sand. Place into suitable labelled containers for disposal. Flush contaminated area with detergent and water.	
7. HANDLING AND STORAGE	Avoid breathing vapour. Avoid contact with skin and eyes. Ensure adequate ventilation. 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 respiratory protection should be used. (Cartridge mask - Filter A)	
Hands	Impermeable nitrile or neoprene gloves.	
Eyes	Faceshield/Goggles	
Other	Suitable protective clothing	

9. PHYSICAL AND CHEMICAL PROPERTIES	
Boiling point	No information available.
Flash Point (Closed Cup)	25°C.
Flammability	Flammable until diluted with water.
Autoflammability	310°C.
Explosive Properties	No information available.
Oxidising Properties	No information available.
Vapour Pressure	No information available.
Relative Density	0.96
Solubility in Water	Miscible.
Other Data	-
10. STABILITY AND REACTIVITY	Stable.
Conditions to Avoid	Not applicable.
Materials to Avoid	Alkalis.
Hazardous Decomposition Products	Gaseous combinations of carbon. Hydrogen. Oxygen. At a temperature of approximately 150°C small amounts of formaldehyde can be released.
11. TOXICOLOGICAL INFORMATION	Oral LD_{50} (rat) >2,000 mg kg^{-1} Dermal LD_{50} (rat) >2,000 mg kg^{-1} Product may hydrolyse in gastro intestinal tract and produce methanol causing irritant and narcotic effects.
12. ECOLOGICAL INFORMATION	No information available.
13. DISPOSAL	Disposal must be carried out in accordance with Local and National Regulations.
14. TRANSPORT INFORMATION	
Hazard Warning	Flammable.
UN No.	1993
IMO/IMDG	Class 3.3/3345
ICAO/IATA	Class 3 1993 III
RID/ADR	Class 3 No 31° (c)
15. REGULATORY INFORMATION	
Hazard	Irritant.
Risk Phrases	Flammable. Risk of serious damage to eyes.
Safety Phrases	Do not breathe the vapour/spray. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. Use only in well ventilated areas. Wear suitable eye/face protection.
16. OTHER INFORMATION	This product is intended for use as a 10 - 12.5% solution in water. In this state the material is non-flammable.

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