Safety Data Sheet

Product: **BELZONA® 3111 (Flexible Membrane)**
Date: **FEBRUARY 1999**

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: Water based product for repair and protection of roofs
2. COMPOSITION/INFORMATION ON INGREDIENTS	Not classified as hazardous under Chemicals (Hazard Information and Packing) Regulations 1998
3. HAZARDS IDENTIFICATION	Vapour is irritating to mucous membranes. Irritating 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	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	Dry powder, foam, carbon dioxide
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. Sweep up and place into suitable labelled container. Flush contaminated area with detergent and water.
7. HANDLING AND STORAGE	Avoid breathing vapour. 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 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	100°C
Flash Point (Closed Cup)	Not applicable
Flammability	Non-flammable as supplied, only flammable as a dry film.
Autoflammability	Not applicable
Explosive Properties	Not applicable
Oxidising Properties	Not applicable
Vapour Pressure	2.35×10^3 Pa at 20°C
Relative Density	1.27
Solubility in Water	Miscible
Other Data	pH value 9-10
10. STABILITY AND REACTIVITY	Stable.
Conditions to Avoid	Storage below freezing.
Materials to Avoid	Strong oxidising agents and acids.
Hazardous Decomposition Products	Gaseous combinations of oxygen, carbon, hydrogen, nitrogen, sulphur and chlorine.
11. TOXICOLOGICAL INFORMATION	Contains ammonia (25% solution) at less than 0.5%. Exposure Limits (OES): ammonia: 25 ppm (17 mg m^{-3}) 8hr TWA 35 ppm (24 mg m^{-3}) STEL
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	Not applicable
UN No.	Not applicable
IMO/IMDG	Not applicable
ICAO/IATA	Not applicable
RID/ADR	Not applicable
15. REGULATORY INFORMATION	
Hazard	Not classified as hazardous under Chemicals (Hazard Information and Packing) Regulations 1998
Risk Phrases	Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
Safety Phrases	Avoid release to the environment. Refer to special instructions/Safety Data Sheets.
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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