Safety Data Sheet

Product: **BELZONA® 6111 (Liquid Anode)**
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: Two-pack zinc rich epoxy coating
	BASE		**SOLIDIFIER**
2. COMPOSITION/INFORMATION ON INGREDIENTS	Xylene 5-10% Propyleneglycolmonoethylether 1-5% Ethyl benzene 1-5%		Xylene 30-60% Propyleneglycolmonoethylether 5-10% Ethyl benzene 1-5%
3. HAZARDS IDENTIFICATION	Flammable. Prolonged or repeated contact can lead to de-fatting and irritation of skin.		Flammable. Harmful by inhalation. Harmful in contact with skin and if swallowed.
4. FIRST AID MEASURES			
Inhalation	Remove to fresh air. In the event of any respiratory distress seek medical attention immediately.		Remove to fresh air. In the event of any respiratory distress seek medical attention immediately.
Skin	Wash skin thoroughly with soap and water. If irritation or inflammation persists seek medical attention.		Wash skin thoroughly with soap and water. If irritation or inflammation persists seek medical attention.
Eyes	Flush immediately with copious amounts of water for at least 15 minutes. If irritation persists seek medical attention.		Flush immediately with copious amounts of water for at least 15 minutes. If irritation persists seek medical attention.
Ingestion	Do not induce vomiting. Immediately rinse mouth with water. Drink plenty of water. Seek medical attention promptly.		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. Water fog.		Dry powder. Foam. Carbon dioxide. Water fog.
Unsuitable	Water jet		Water jet
Special Procedures	Fire fighters must wear self contained breathing apparatus due to the toxic nature of evolved gases.		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.		Wear suitable protective gloves and clothing.
Environmental Precautions	Do not allow to contaminate water, effluent or soil. Observe Local Bye Laws.		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.		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. When using do not eat, drink or smoke. Store in tightly lidded containers in dry conditions between 5°C and 30°C. Store away from sources of ignition and out of direct sunlight.		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. Store away from sources of ignition and out of direct sunlight.
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.		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.		Impermeable nitrile or neoprene gloves.
Eyes	Faceshield/Goggles		Faceshield/Goggles
Other	Suitable protective clothing		Suitable protective clothing

	BASE	SOLIDIFIER
9. PHYSICAL AND CHEMICAL PROPERTIES		
Boiling point	>137°C	>137°C
Flash Point (Closed Cup)	24°C	24°C
Flammability	Flammable	Flammable
Autoflammability	498°C	498°C
Explosive Properties	Lel: 1.1% Uel: 11.5%	Lel: 1.1% Uel: 11.5%
Oxidising Properties	Not applicable	Not applicable
Vapour Pressure	893-1333 Pa	893 - 1333 Pa
Relative Density	3.30	0.91 - 0.925
Solubility in Water	Insoluble	Insoluble
Other Data	Reacts with water to form hydrogen.	-
10. STABILITY AND REACTIVITY	Stable	Stable
Conditions to Avoid	Contact with water.	Not applicable
Materials to Avoid	Water. Strong oxidising agents.	Strong oxidising agents.
Hazardous Decomposition Products	Gaseous combinations of carbon, hydrogen, oxygen.	Gaseous combinations of carbon, hydrogen, oxygen, nitrogen.
11. TOXICOLOGICAL INFORMATION	Xylene: OEL (8 hr TWA) 100 ppm, 435 mg m^{-3} Ethyl benzene: OEL (8 hr TWA) 100 ppm, 435 mg m^{-3} Propyleneglycolmonoethylether: OEL (8 hr TWA) 100 ppm, 435 mg m^{-3}	Xylene: OEL (8 hr TWA) 100 ppm, 435 mg m^{-3} Ethyl benzene: OEL (8 hr TWA) 100 ppm, 435 mg m^{-3} Propyleneglycolmonoethylether: OEL (8 hr TWA) 100 ppm, 435 mg m^{-3}
12. ECOLOGICAL INFORMATION	No information available	No information available
13. DISPOSAL	Disposal must be carried out in accordance with Local and National Regulations.	Disposal must be carried out in accordance with Local and National Regulations.
14. TRANSPORT INFORMATION		
Hazard Warning	Flammable	Flammable
UN No.	1263	1263
IMO/IMDG	Class 3.3 / 3372	Class 3.3 / 3372
ICAO/IATA	Class 3 1263 III	Class 3 1263 III
RID/ADR	Class 3 No.31°(c)	Class 3 No.31°(c)
15. REGULATORY INFORMATION		
Hazard	Flammable	Harmful
Risk Phrases	Flammable	Flammable. Harmful by inhalation. Harmful in contact with skin and if swallowed. Irritating to skin.
Safety Phrases	Do not breathe the vapour/spray. Avoid contact with skin and eyes. In case of insufficient ventilation wear suitable respiratory protection.	Do not breathe the vapour/spray. Avoid contact with skin and eyes. In case of insufficient ventilation wear suitable respiratory protection.
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.	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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