Safety Data Sheet

Product: **BELZONA® 2921 (Elastomer GP Conditioner)**
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: One-pack conditioner for treating surfaces prior to application of Belzona® 2000 Series Products.
2. COMPOSITION/INFORMATION ON INGREDIENTS	Diphenylmethane -4,4'-diisocyanate 1-5% Dichloromethane 60-100%
3. HAZARDS IDENTIFICATION	Dichloromethane is classified as a Category III carcinogen i.e. possibly carcinogenic to humans.
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	Not applicable
Unsuitable	-
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 area with dilute ammonium hydroxide or water-alcohol mixture.
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	Use suitable respiratory equipment if adequate ventilation is not available.
Hands	Impermeable nitrile or neoprene gloves.
Eyes	Faceshield/Goggles
Other	Suitable protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES	
Boiling point	40°C.
Flash Point (Closed Cup)	Non-flammable.
Flammability	Not applicable.
Autoflammability	Not applicable.
Explosive Properties	Lel: 14% Uel: 22%
Oxidising Properties	Not Applicable.
Vapour Pressure	4.7×10^4 Pa at 20°C.
Relative Density	1.27
Solubility in Water	Reacts
Other Data	-
10. STABILITY AND REACTIVITY	Stable.
Conditions to Avoid	Open flames, hot glowing surfaces and electric arcs.
Materials to Avoid	Water. Carbon dioxide evolved. Strong oxidising agents. Alcohol. Amines
Hazardous Decomposition Products	Contact with naked flames or red hot surfaces produces corrosive and toxic products.
11. TOXICOLOGICAL INFORMATION	Diphenylmethane -4,4'-diisocyanate: MEL:- LTEL (8 hr) 0.02 mg m^{-3} STEL (10 min) 0.07 mg m^{-3} Dichloromethane: MEL: LTEL: (8 hr) 100 ppm
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	Toxic.
UN No.	2810
IMO/IMDG	Class 6.1 /6270-1
ICAO/IATA	Class 6.1 2810 III
RID/ADR	Class 6.1 25°C.
15. REGULATORY INFORMATION	
Hazard	Harmful
Risk Phrases	Possible risk of irreversible effects. May cause sensitization by inhalation.
Safety Phrases	Do not breathe the vapour/spray. After contact with skin, wash immediately with plenty of soap and water. In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective clothing.
16. OTHER INFORMATION	Inhalation can cause tightness of chest, dry throat etc. Symptoms may not develop immediately. 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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