Safety Data Sheet

Product: BELZONA® 8311 (Nato Fluid)
Date: NOVEMBER 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: Dewatering and penetrating fluid
2. COMPOSITION/INFORMATION ON INGREDIENTS	Naptha (petroleum) hydrodesulphurized, heavy (White Spirit)	60-100%
3. HAZARDS IDENTIFICATION	Flammable. Harmful: may cause lung damage if swallowed.Prolonged or repeated contact may cause dermatitis and drying of the skin. Prolonged inhalation of mist may cause lung inflammation.	
4. FIRST AID MEASURES Inhalation	Remove to fresh air. If symptoms persist seek medical attention.	
Skin	Wash skin thoroughly with soap and water. In the event of any irritation seek medical attention immediately.	
Eyes	Rinse 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.	
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 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.	
Hands	Impermeable nitrile or neoprene gloves.	
Eyes	Faceshield/Goggles	
Other	Suitable protective clothing	

9. PHYSICAL AND CHEMICAL PROPERTIES	
Boiling point	150°C (initial)
Flash Point (Closed Cup)	40°C
Flammability	Flammable
Autoflammability	Auto ignition temperature 245°C
Explosive Properties	Lel: 0.9% Uel: 8.0%
Oxidising Properties	Not applicable
Vapour Pressure	386 Pa at 20°C
Relative Density	0.81
Solubility in Water	Insoluble
Other Data	-
10. STABILITY AND REACTIVITY	Stable
Conditions to Avoid	Not applicable
Materials to Avoid	Strong oxidising agents.
Hazardous Decomposition Products	Gaseous combinations of carbon, hydrogen and oxygen.
11. TOXICOLOGICAL INFORMATION	Occupational exposure standard 600 mg/m^3 (8 hr TWA) This occupational exposure limit has been calculated using the Reciprocal Calculation Procedure in EH40.
12. ECOLOGICAL INFORMATION	White spirit is classified as a Marine Pollutant. Slightly toxic to aquatic organisms, but in most systems is unlikely to pose a significant hazard. In the environment it is likely to biodegrade slowly.
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 Marine pollutant
ICAO/IATA	Class 3 1993 III
RID/ADR	Class 3 31°(c)
15. REGULATORY INFORMATION	
Hazard	Harmful
Risk Phrases	Flammable. Harmful: may cause lung damage if swallowed. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety Phrases	Avoid contact with skin and eyes. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Avoid release to the environment. Refer to special instructions/Safety Data Sheets. Do not breathe the vapour/spray.
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. 1-11-99

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BS EN ISO 9002 : 1994
Certificate No Q/09335