Safety Data Sheet

Product: BELZONA® 8211 (H.P. Anti Seize)
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: Mineral oil based anti-seizure grease
2. COMPOSITION/INFORMATION ON INGREDIENTS	Nickel 7-13%	
3. HAZARDS IDENTIFICATION	Nickel is a category 3 carcinogen i.e. a substance which may be carcinogenic to humans. However, this risk only pertains to inhalation of Nickel powder particles (MEL 0.5 mgm^{-3}) and the nickel present in this product is not in a respirable form.	
4. FIRST AID MEASURES		
Inhalation	Remove to fresh air.	
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, 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.	
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 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	Not normally required with adequate ventilation.	
Hands	Impermeable nitrile or neoprene gloves.	
Eyes	Faceshield/Goggles	
Other	Suitable protective clothing	

9. PHYSICAL AND CHEMICAL PROPERTIES	
Boiling point	Not applicable
Flash Point (Closed Cup)	>200°C
Flammability	Non-flammable, but combustible.
Autoflammability	Not applicable
Explosive Properties	Not applicable
Oxidising Properties	Not applicable
Vapour Pressure	Not applicable
Relative Density	1.07
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, oxygen.
11. TOXICOLOGICAL INFORMATION	Contains nickel at 7-13% (MEL 0.5 mg m^{-3}) and graphite at 5-10% (OES 5 mg m^{-3}) This substance is not in a respiratory form within this product.
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	Harmful
Risk Phrases	Possible risk of irreversible effects. May cause sensitization by skin contact.
Safety Phrases	Wear suitable protective clothing.
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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Belzona Polymerics Ltd.,
Claro Road,
Harrogate, HG1 4AY,
England.
Tel: +44 (0) 1423 567641
Fax: +44 (0) 1423 505967

Belzona Inc.,
2000 N.W. 88 Court,
Miami, Florida 33172,
U.S.A.
Tel: +1 (305) 594 4994
Fax: +1 (305) 599 1140

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