WHMIS MATERIAL SAFETY DATA SHEET

SECTION 1 - Product Identification and Use			Date : **27 October, 2000**
Product identifier : **BELZONA® 3211 (LAGSEAL)**			PIN/UN No : **Not applicable**
Product use : **Repair of Machinery and Equipment**			WHMIS classification : **D2A**
Manufacturer's name & address : **BELZONA POLYMERICS Ltd.,** Claro Road, Harrogate, Yorkshire, HG1 4AY, United Kingdom. Emergency telephone number : U.K. -44-1423-503218	Supplier's name & address : **BELZONA Inc.,** 2000 N.W. 88 Court, America's Gateway Park, Miami, Florida 33172, United States.	Supplier's emergency telephone numbers : (Spill, Leak, Fire, Exposure or Accident) 800 424 9300 - Toll free in Canada 202 483 7616 Information telephone number : 305 594 4994 - Working hours only	

SECTION 2 - Hazardous Ingredients

Hazardous Ingredients	Approximate Concentration	CAS Numbers	Exposure Limits	LD_{50}/LC_{50} Species and Route
Antimony Trioxide	**1-5%**	**1309-64-4**	**ACGIH (TWA) TLV 0.5mg/m³**	**Oral LD_{50} >34.6g/kg rat**

SECTION 3 - Physical Data

Physical state : **Emulsion**	Appearance/Odour : **Grey or white/slight**	Odour threshold(ppm) : **Not available**
Vapour pressure (mm Hg) : **17.9 @ 20°C**	Vapour density (Air = 1) : **Not available**	Boiling point (°C) : **100**
pH : **8**	Specific gravity : **1.49**	Coefficient water/oil : **Not available**
Freezing point (°C) : **0**	Solubility in water (20°C) : **Miscible**	Evaporation rate (relative to n-Butyl Acetate) : **As water**

SECTION 4 - Fire and Explosion Data

Flammability : **No** If yes, under which conditions :		
Means of extinction : **Not applicable**		
Special procedures :		
Flash point and method : **Not applicable**	Explosion limits (% by volume) : Lower : **Not applicable** Upper : **Not applicable**	Autoignition temp (°C) : **Not applicable**
Hazardous combustion products : **Not applicable**		
Explosion data - Sensitivity to impact : **Not applicable**	Explosion data - Sensitivity to static discharge : **Not applicable**	

SECTION 5 - Reactivity Data

Chemical stability : If no, under which conditions :	**Yes**
Incompatibility to other substances : If yes, which ones :	**Yes** **May coagulate or floculate if mixed with highly ionic solutions or organic solvents**
Reactivity and under what conditions :	**Not applicable**
Hazardous decomposition products :	**Gaseous combinations of carbon, hydrogen, oxygen, molybdenum, antimony and nitrogen**

SECTION 6 - Toxicological Properties of Product

Route of entry :
Skin contact : √ Skin absorption : Eye contact : √ Inhalation acute : Inhalation chronic : √ Ingestion : √

Effects of acute exposure to product :	**None known.**	
Effects of chronic exposure to product :	**Harmful, Possible risk of irreversible effects.**	
LD_{50} of product (species and route) : **Not available**	Irritancy of product : **Slight on skin/eyes**	Exposure limits of product : **See Section 2**
LC_{50} of product (species and route) : **Not available**	Sensitization to product : **Not applicable**	Synergistic materials : **Not available**

Carcinogenicity : **N.av*** Reproductive effects : **N.av†** Teratogenicity : **N.av†** Mutagenicity : **N.av†**

*** Antimony trioxide has been identified by ACGIH as a suspected human carcinogen arising from inhalation of dust during its production. Whilst contained in the composition it is not present in respirable dust form. If spraying the product, however, inhalation of spray mist should be avoided by the wearing of appropriate respiratory protection.**
† Not available for the mixture, however available information on the individual components does not indicate any chronic exposure hazard other than that stated above.

SECTION 7 - Preventative Measures

Personal protective equipment :	Gloves : **Use neoprene or nitrile**	Eye : **Goggles/faceshield**
Footwear : **Industrial boots**	Respiratory (protection required if exposure > TLV) : **Not applicable**	Clothing : **Overalls**

Other :

Engineering controls :	**Where adequate natural ventilation is not available provide suitable local exhaust ventilation.**
Leak and spill procedures :	**Contain with an inert material (e.g. earth or sand). Sweep up and place into suitable covered, labelled containers. Flush area with detergent and water.**
Waste disposal :	**In accordance with Federal, Provincial and Local Regulations.**
Handling procedures :	**Avoid contact with skin and eyes. Avoid breathing spray mist.**
Storage requirements :	**Keep in a cool, well ventilated place, in the original containers.**

SECTION 8 - First Aid Measures

Skin :	**After contact with skin, wash immediately with plenty of soap and water.**
Eye :	**In case of contact with eyes, rinse immediately with plenty of water and seek medical advice if any irritation persists.**
Inhalation :	**If symptoms are experienced, remove source of contamination or move victim to fresh air. Obtain medical attention immediately if recovery is delayed.**
Ingestion :	**Do not induce vomiting. Immediately rinse the mouth with water. Drink plenty of water (1 pint/600 mls). Seek medical attention promptly.**
General advice :	**When using do not eat, drink or smoke. Take off immediately all contaminated clothing and launder before reuse. Wash hands thoroughly after handling this product.**

SECTION 9 - Preparation Date of MSDS

Additional information : **Replaces previous issue dated 7 October 1997**

Prepared by :	Phone number :	Date :
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