# Safety Data Sheet

**Product:** **BELZONA® 3211 (Lagseal)**
**Date:** **MAY 1997**

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| **1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION** | **Belzona Polymerics Ltd.**<br>**Claro Road, Harrogate, HG1 4AY.**<br>**Tel: +44 (0) 1423 567641**<br>**Emergency Tel: +44 (0) 1423 503218**<br>**Product Type:**<br>**Water based product for the seamless protection of insulation** |
| **2. COMPOSITION/INFORMATION ON INGREDIENTS** | **Antimony trioxide 1-5%** |
| **3. HAZARDS IDENTIFICATION** | **Antimony trioxide is classified as a Category III carcinogen i.e. possibly carcinogenic to humans. This risk only pertains to inhalation of antimony trioxide dust, and the antimony trioxide present in this product is not normally in a respirable form.** |
| **4. FIRST AID MEASURES** | |
| **Inhalation** | **Remove to fresh air** |
| **Skin** | **Remove excess with clean cloth and wash skin thoroughly with soap and water. In the event of any irritation or inflammation seek medical attention immediately.** |
| **Eyes** | **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.** |
| **5. FIRE-FIGHTING MEASURES** | |
| **Extinguishing Media** | **Dry powder, foam, carbon dioxide, water fog.** |
| **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/sawdust. Sweep up and place into suitable labelled container. Flush contaminated area with detergent and water.** |
| **7. HANDLING AND STORAGE** | **Remove contaminated clothing immediately and wash before re-use. 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. If spraying, respiratory protection will be required.** |
| **Hands** | **Impermeable nitrile or neoprene gloves.** |
| **Eyes** | **Faceshield/Goggles** |
| **Other** | **Suitable protective clothing.** |

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| **9. PHYSICAL AND CHEMICAL PROPERTIES** | |
| Boiling point | 100°C |
| Flash Point (Closed Cup) | Not applicable |
| Flammability | Not applicable |
| Autoflammability | Not applicable |
| Explosive Properties | Not applicable |
| Oxidising Properties | Not applicable |
| Vapour Pressure | 2.35 x $10^3$ Pa at 20°C |
| Relative Density | 1.49 |
| Solubility in Water | Miscible |
| Other Data | - |
| **10. STABILITY AND REACTIVITY** | Stable. |
| Conditions to Avoid | Storage below freezing. |
| Materials to Avoid | Strong oxidising agents and acids. |
| Hazardous Decomposition Products | Gaseous combinations of carbon, hydrogen, oxygen, nitrogen, molybdenum and antimony. |
| **11. TOXICOLOGICAL INFORMATION** | Antimony Trioxide: OES (8hr TWA) 0.5 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. |
| Safety Phrases | Do not breathe the vapour/spray. Wear suitable protective clothing. 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. |

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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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