MATERIAL SAFETY DATA SHEET
GLASS BEAD BLASTING MEDIA

STATEMENT OF HAZARDOUS NATURE
This substance is Non Toxic, Non Hazardous, Chemically Inert and Non Combustible.

SUPPLIER DETAILS
Name: Burwell Abrasive Blasting Equipment
Address: 291 Milperra Road Revesby NSW 2212
Telephone No: (02) 9792 2733
Facsimile No: (02) 9792 2866
Contact: Len Williamson
Emergency Telephone No: 0417 027772

Product Name: Ballotini Impact Spheres
UN Number: None Allocated
Other Names: Glass Bead, Microspheres
Hazchem Code: None Allocated
Use: Abrasive Blasting Media
Dangerous Goods: None Allocated
Class and Sub-risk: None Allocated
Poisons Schedule: Not Scheduled

Physical Description/Properties
Appearance: Odourless White Powder
Granules Ranging in Sizes: 95 UM - 2000 UM
Melting Point (0°C): 750°C
Flammability Limits (%): Not Relevant
Solubility in Water (g/L): Non-Soluble

Other Properties
Hardness: 6.0 Mhos
Chlorides: <5 ppm
Specific Gravity: 2.46
Free Silica (alpha quartz): Nil
Packaging: 25kg Paper Bags

HEALTH EFFECTS
Acute
Swallowed: Non Toxic
Eye: Mechanical irritant
Skin: Direct contact with material under pressure may abrade or damage skin.
Inhaled: May irritate if exposure is excessive. Prolonged exposure to high level may have debilitating effect on the lungs.

First Aid
Swallowed: Rinse mouth thoroughly with water. Seek medical attention if large quantities have been ingested.
Eye: Remove foreign body, flush with water
Skin: Clean and dress open wounds
Inhaled: Move to fresh air
First Aid Facilities: General first aid equipment for treatment of cuts and abrasions

Advice to Doctor
Treat Symptomatically

IDENTIFICATION

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HEALTH HAZARD INFORMATION
Exposure Standards
Australian Regulations nominate TLV (TWA) 10mg/m³ as total dust, 5 mg/m³ as respirable dust.

Engineering Controls
♦ Ensure ventilation is adequate to maintain dust exposure below the exposure standard for personnel adjacent to the grit blasting area.
♦ Ensure that all blast cleaning equipment complies with Workcover and all appropriate Regulatory Authority Regulations and Codes of Practice.

Personal Protection
Operator must wear Abrasive Blast Helmet Air Line Respirator of a type complying with AS1716. A protective Leather Jacket or suit, Leather Hand and Foot protection with Steel Toe Cap inserts. Use hearing protection when working in blast cleaning operations.

Flammability
Not flammable.

Storage and Transport
Bags to remain closed and bulk loads covered to avoid dusting. Use good housekeeping practices to reduce dust.

Spills and Disposal
Product is extremely slippery under foot. Sweep up spills immediately. Sweep or vacuum material for disposal. Prevent generation of dust during clean up. Disposal through approved land waste site. MATERIAL CONTAMINATED IN USE MAY REQUIRE SPECIAL HANDLING.

Fire/Explosion Hazard
Avoid contact with hydrofluoric acid. As with any dust, there is the potential for a dust explosion and thus ventilation should be such that gross levels of dust do not accumulate.

IMPORTANT NOTE
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