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MATERIAL SAFETY DATA SHEET

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STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia.

IDENTIFICATION

Product Name	Garnet	UN Number:	None Allocated
Other Names	Garnet Sand	Hazchem Code:	None Allocated
Use	Expendable Abrasive Blasting Media	Dangerous Goods:	None Allocated
		Class and Sub-risk:	None Allocated
		Poisons Schedule:	Not Scheduled

Physical Description/Properties

Appearance	Odourless Pink/Brown Angular Sand Granules Ranging in Sizes 150 UM – 2000 UM	Flashpoint (0°C):	Non Combustible
Melting Point (0°C)	1350°C	Flammability Limits (%):	Not Relevant
		Solubility in Water (g/L):	Non-Soluble

Other Properties

Hardness	7.5 – 8.0 Mhos
Chlorides	<20 ppm
pH	7.0
Specific Gravity	4.0
Free Silica (alpha quartz)	<0.5%

Packaging

1 Metric Tonne Bulker Bags
25kg Poly Bags

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Acute	Swallowed:	Non Toxic, ingestion could cause irritation due to abrasion.
	Eye:	Mechanical irritant
	Skin:	Direct contact with material under pressure will 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

PRECAUTIONS FOR USE

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.

SAFE HANDLING INFORMATION

Storage and Transport

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

Spills and Disposal

No special precautions are necessary. 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. It is the responsibility of the user to undertake any evaluation classification and disposal of the material after use.**

Fire/Explosion Hazard

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

This information is provided to the best knowledge of Naxos Australia Pty Ltd and Naxos does not assume any legal responsibility for use or reliance upon same. Users are encouraged to conduct their own tests before using or disposal of this product.

