

# NAXOS AUSTRALIA PTY LTD

UNIT1

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## MSDS FOR ALUMINIUM OXIDE GRIT

### Aluminium Oxide ( $Al_2O_3$ )

#### Loose Abrasive Grain

- ( i ) Abrasive component in coated and bonded abrasives.
  - ( ii ) For mechanical abrading of work-pieces by surface blasting.
  - ( iii ) Used to create a durable non-slip surface on walkways.
- Not Applicable - not classified as a hazardous material.

#### PHYSICAL DATA

Appearance:

Boiling Point:

Specific Gravity:

Vapor Pressure:

Solubility in Water:

Flashpoint:

Flammability Limit:

Odor:

Mid Brown durable granular particles of uniform graded size.

FEPA STANDARD

Melt Point 2000°C Boiling Point 2980°C

3.965

Not Applicable

Insoluble

Not Applicable

Non Flammable

NIL

#### HAZARDOUS INGREDIENTS

##### CHEMICAL ENTITY CAS NUMBER PROPORTION (W/W)

There are no hazardous ingredients in this material—toxic impurities are not present.

#### HEALTH HAZARD INFORMATION

Health Effects: Not Applicable in form supplied

#### PRECAUTIONS FOR USE

##### Exposure Standards:

No specific limits for exposure to this product exist.

The following limits for inspirable dust which may be generated by the product during use.

TLV/TWA of inspirable dust is 10 mg/m<sup>3</sup>.

**Engineering Controls:**

Blasting Operations.

Product must be used with a correctly designed and maintained machine in accordance with the manufacturer's instructions.

**Personal Protection:**

Personal safety procedures should be in accordance with the general principles for safe working in industry dependant on application.

For blasting operations:

The operator shall wear suitable eye protection. ( Mandatory )

Safety aprons, gloves, safety shoes and other protective clothing should be worn as required by the nature of the operation.

Where the operator is exposed to dust being generated the operator should wear an appropriate dust mask.

Hearing protection is recommended for any blasting operation.

**Flammability:**

The material is non flammable.

**SAFE HANDLING INFORMATION****Storage and Transport:**

The product is very durable so there is no specific requirement to protect from mechanical shock damage.

Aluminium Oxide grain is not affected by temperature and humidity variations.

Acceptable packaging is in plastic lined, double thickness heavy duty paper, or polypropylene woven bags or

other suitable container.

Transportation of 250 kgs or more should be palletised where possible and practical.

**Spills and Disposal:**

The material is non hazardous—use any convenient and logical method for handling spills.

Dispose of excess or used material in an approved landfill in accordance with local regulations.

No special requirements apply.

**Fire and Explosion Hazards:**

The material is a non flammable solid. There are no fire or explosion hazards associated with this material.

Aluminium Oxide will not react with water or fire foam.

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