

# White Aluminium Oxide

This substance is Non Toxic, Non Hazardous, Chemically Inert and Non Combustible

IMPORTANT NOTICE: This Safety Data Sheet (SDS) is issued by Burwell Technologies in accordance with National Occupational Health and Safety Commission guidelines. The information contained in this document must not be added to, deleted or altered. Burwell Technologies will issue a new SDS when there is a change in the product specifications and/or with the National Occupational Health and Safety Commission guidelines/regulations. Burwell Technologies will not accept any responsibility for any changes made to its SDS in content by any other person or organisation.

**DATE OF FIRST ISSUE:**

December 2012

**DATE OF LAST REVISION:**

18 November 2020

## 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product (Material) Name:</b>	White Aluminium Oxide
<b>Other Names:</b>	Alox
<b>Recommended Use:</b>	Industrial abrasive media
<b>Supplier Name:</b>	Burwell Abrasive Blasting Equipment Pty Ltd
<b>Supplier Address:</b>	291 Milperra Road, Revesby, NSW, 2212
<b>Supplier Tel:</b>	(02) 9792 2733
<b>Supplier Fax:</b>	(02) 9792 2866
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<b>Emergency Services Tel (24 Hours):</b>	000

## 2 HAZARDS IDENTIFICATION

Hazard Classification: 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.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Hardness	8.5 Mohs
Chlorides	<10 ppm
Specific Gravity	4.0
Free Silica (alpha quartz)	<1.0%

## 4 | FIRST AID MEASURES

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Facilities should be available where this product is used to carry out first aid procedures.

### Acute Health Effects

Ingestion: 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.

Inhalation: Move to fresh air.

General first aid equipment for treatment of cuts and abrasions.

### Advice to Doctor

Treat Symptomatically.

## 5 | FIRE FIGHTING MEASURES

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Not flammable.

## 6 | ACCIDENTAL RELEASE MEASURES

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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.

## 7 | HANDLING AND STORAGE

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### Exposure Standards

Australian Regulations nominate TLV (TWA) 10mg/m<sup>3</sup> as total dust, 5 mg/m<sup>3</sup> 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.

### Packaging

25kg Woven Poly Bags. Bags to remain closed and bulk loads covered to avoid dusting. Use good housekeeping practices to reduce dust.

## 8 | EXPOSURE CONTROLS/ PERSONAL PROTECTION

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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.

**9 | PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance:	Odourless White Angular Solid Granules Ranging in Sizes (50 UM - 2000 UM)
Odour:	Odourless
Vapour Density:	Not applicable
Vapour Pressure:	Not applicable
Boiling point/ Range:	Not applicable
Melting point:	2050°C
Solubility:	Insoluble in water
Flashpoint:	Not combustible
Flammable limits in air:	Not applicable

**10 | STABILITY AND REACTIVITY**

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Chemical stability:	Alpha form very stable
Conditions to avoid:	None identified
Incompatible materials:	None identified
Hazardous Decomposition products:	None identified
Hazardous Reactions:	None identified

**11 | TOXICOLOGICAL INFORMATION**

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**Description of Necessary First Aid Measures**

Ingestion:	Non Toxic, ingestion could cause irritation due to abrasion
Eye:	Mechanical irritant
Skin:	Direct contact with material under pressure will abrade or damage skin.
Inhalation:	May irritate if exposure is excessive. Prolonged exposure to high level may have debilitating effect on the lungs.

**12 | TRANSPORT INFORMATION**

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UN Number:	None Allocated
Hazchem Code:	None Allocated
Dangerous Goods:	None Allocated
Class and Sub-risk:	None Allocated
Poisons Schedule:	Not Scheduled

**13 | REGULATORY INFORMATION**

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None applicable

**14 | OTHER INFORMATION**

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**END OF SDS**