

# BROWN ALUMINUM OXIDE

## IDENTIFICATION

<b>Product Name:</b>	Brown Aluminium Oxide
<b>Other Names:</b>	
<b>Recommended Use:</b>	
<b>Supplier:</b>	BlastOne International
<b>Address:</b>	57 Alexandra Place, Murarrie, Queensland, Australia 4172
<b>Telephone Number:</b>	(07) 3329 5000
<b>Fax Number:</b>	(07) 3329 5066
<b>E-mail:</b>	sales.au@blastone.com

## COMPOSITION/INFORMATION ON INGREDIENTS

**Fused Brown Aluminium Oxide:** Al<sub>2</sub>O<sub>3</sub> > 94.5% TiO<sub>2</sub> 1.50 – 3.80

## HAZARDS IDENTIFICATION

<b>Hazard designation:</b>	Void
<b>Information pertaining to particular hazards for man and environment:</b>	Void
<b>Classification system:</b>	The classification is in line with current EC lists. It is expanded, however, by information from Technical literature and by information furnished by supplier companies.

## FIRST AID MEASURES

It is recommended that eyewash facilities are available in the workplace.

<b>General Information:</b>	No special measures required.
<b>After Inhalation:</b>	Supply fresh air, consult doctor in case of symptom.
<b>After Skin Contact:</b>	Instantly wash with water and soap and rinse thoroughly. The product is not skin irritating.
<b>After eye contact:</b>	Rinse opened eye for several minutes under running water.
<b>After Swallowing:</b>	In case of persistent symptoms consult doctor.

## FIRE FIGHTING MEASURES

**Non Flammable material.**

<b>Protective equipment:</b>	No special measures required.
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## ACCIDENTAL RELEASE MEASURES

<b>Person related safety precautions:</b>	Avoid causing dust.
<b>Measures for environmental protection:</b>	No special measures required.
<b>Measures for cleaning/collecting:</b>	Collect mechanically.
<b>Additional Information:</b>	No dangerous materials are released.

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

## HANDLING AND STORAGE

<b>Information for safe handling:</b>	Avoid high dust concentrations
<b>Information about protection against explosions and fires:</b>	Material is non explosive and not subject to fire hazard.
<b>Requirements to be met by storerooms and containers:</b>	No special requirements.
<b>Information about storage in one common storage facility:</b>	Not required.
<b>Further information about storage conditions:</b>	None.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems: No further data; see item 7.

### Components with critical values that require monitoring at the workplace

**Additional Information:** The lists that were valid during the compilation were used as basis.

### Personal protective equipment:

**General protective and hygienic measures:** The usual precautionary measures should be adhered to in handling the material.

**Breathing Equipment:** Use breathing protection in case of insufficient ventilation.

### Filter P1.

**Protection of hands:** Protective gloves.

**Eye protection:** Safety glasses.

**Body protection:** Protective work clothing.

## PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Powder
<b>Colour:</b>	Brown
<b>Smell:</b>	Odourless
<b>Change in Condition:</b>	Melting Point: 2050 0C Specific Gravity: 3.95 – 4.0
<b>Vapour Density:</b>	No: Not volatile
<b>Vapour Density( air=1):</b>	No. Evaporation rate – No
<b>Solubility in Water:</b>	Insoluble
<b>Flash Point:</b>	Not Applicable
<b>Flammability (solid,gaseous)</b>	Not Applicable
<b>Critical Value for explosion:</b>	Not Applicable
<b>Solubility in Water/Miscibility with Water:</b>	Insoluble

## STABILITY AND REACTIVITY

<b>Thermal decomposition/ Conditions to be avoided:</b>	No decomposition if used according to specifications.
<b>Dangerous reactions:</b>	No dangerous reactions known.
<b>Dangerous products of decomposition:</b>	No dangerous decomposition products known.

## TOXICOLOGICAL INFORMATION

### Primary irritant effect

<b>On the skin:</b>	No irritant effect.
<b>On the eye:</b>	Eye exposure (to dust) may product irritation.
<b>Sensitisation:</b>	No sensitising effect known.

### Additional toxicological information:

As with any nuisance dust, long term exposure to concentrations of dust above the recommended exposure level may overload lung clearance mechanism and cause adverse lung effects.

## EXOLOGICAL INFORMATION

### Ecotoxicological effects:

<b>Aquatic toxicity:</b>	No effect on marine life.
<b>General notes:</b>	Not hazardous for water.

## DISPOSAL CONSIDERATIONS

Follow local, state or federal guidelines for disposal of inert solid waste, e.g. for landfill.

**Product:**

**Recommendation:** Must be specially treated under adherence to official regulations.

**Waste disposal key number:** Not determined.

**Uncleaned packagings:**

**Recommendation:** Dispose of packaging to regulations on the disposal of packagings.

## TRANSPORT INFORMATION

**Transport/Additional Information:** Not dangerous according to transport specifications.

## REGULATORY INFORMATION

**Designation according to EC guidelines:** Observe the normal regulations.

The product is not subject to classification according to EC Directives/relevant National laws.

**National Regulations:**

**Water hazard class:** Water hazard class 0: generally not hazardous for water.

## OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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