

# MATERIAL SAFETY DATA SHEET

**Product name**

White Fused Alumina

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**Manufacturer**

Zhengzhou Haixu Abrasives Co.,Ltd

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**Composition/Information on Ingredients**

Chemical name of the substance	Aluminum oxide
Synonyms	Corundum
EC No	CAS-NO 1344-28-1
Hazardous Impurities	None

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**First Aid Measures****General Advice**

Show this safety data sheet to doctor in attendance

**Inhalation**

No toxic effects. Classified as nuisance material.

**Eye Contact**

Sharp particles can cause irritation.

Flush with clean water and seek medical advice if irritation continues. Use suitable eye protection as required.

**Skin Contact**

No harmful effects wash with soap and water.

**Ingestion**

No toxic effects, treat symptomatically and seek medical advice as necessary.

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**Fire-fighting Measures:**

No special precautions necessary.

**Accidental Release Measures:**

Clean spillage's as appropriate.

Use vacuum cleaner for fine aggregate sizes.

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**Handling and Storage**

Handling

Avoid creating unnecessary excess dust during handling.

## Storage

No special storage requirements – shelf life indefinite.

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## Exposure Controls/Personal Protection

### Exposure Control Limits

(8 hour TWA)

10mg/m<sup>3</sup> total dust. 5mg/m<sup>3</sup> respirable dust.

### Protective Equipment

Use appropriate dust mask in dusty operations. (avoid creating dust if possible)

Wear appropriate eye protection during handling.

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## Physical and Chemical Properties:

Melting Point	2050°C
S.G	3.95 g/cm <sup>3</sup>
Flashpoint	Not applicable
Odour:None	
Boiling Point	>3000°C
Solubility	Insoluble
Colour	White
Hazardous decomposition	
Products	None
Hazardous reactions	None

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**Stability and Reaction** Material is stable and inert.

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### Other information

The information provided in this safety data sheet is correct to the best of our knowledge information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processionk, storage, transporation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and is not valid for sun material used in combination with any other materials or in any process.