

MATERIAL SAFETY DATA SHEET

Issue date 20th,April,2020

1.Product name

White fused alumina

2.Manufacturer

ZHENGZHOU HAIXU ABRASIVES Co., LTD

<https://hxwhitealumina.com/>

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3.Composition/Information on Ingredients

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

4.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.

5.Fire-fighting Measures:

No special precautions necessary.

6.Accidental Release Measures:

Clean spillage's as appropriate.

Use vacuum cleaner for fine aggregate sizes.

7.Handling and Storage

Handling

Avoid creating unnecessary excess dust during handling.

Storage

No special storage requirements – shelf life indefinite.

8.Exposure Controls/Personal Protection

Exposure Control Limits

(8 hour TWA)

10mg/m³ total dust. 5mg/m³ respirable dust.

9.Protective Equipment

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

Wear appropriate eye protection during handling.

10.Physical and Chemical Properties:

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

11.Stability and Reaction Material is stable and inert.

12.Transportation information

U.S. DOT	This product is not regulated by USDOT as a hazardous material(49 CFR 172.10) No UN code Assigned.No placard required for transportation
IMDG	Not regulated as a Hazardous Material.
CAO/IATA	Not regulated as a Hazardous Material.
EU(ADR,RID)	Not regulated as a Hazardous Material.

13.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.

14. IMDG/IMO not regulated