

PRODUCT DATA SHEET & MATERIAL SAFETY DATA SHEET

Identification of the Chemical and the Origin

Product	: White Fused Alumina
Apply to	: Bonded Abrasives, Sandblasting, Polishing, Refractory
Other Names	: White Fused Aluminium Oxide, White Corundum, White Aluminum Oxide
Country of Origin	: China
Manufacturer of Material	: Komeno

Picture of Product:



Physical Specifications & Package

Main Content	: α -Al ₂ O ₃
Specific Gravity	: \cong 3.60 g /cm ³
Bulk Density	: 1.5-2 kg / m ³
Hardness	: 9 MOSH
Color	: White
Melting Point	: 2350 °C
Coefficient of Linear Expansion	: (7 - 9)*10 ⁻⁶ /K (0 - 1600 °C)
Sizes Available	: 0-1mm, 1-3mm, 3-5mm, 5-8mm, 8-12mm, 0-0.2mm etc
Package	: Jumbo Bag, 25kg Bag and 40 Bags on a Pallet



Komeno(Beijing)International Trading Co.,Ltd.

No.111 Yuquanying,Fengtai District, Beijing City,Beijing,100071,P.R.CHINA TEL:
0086-10-83323238 EMAIL: Sales@komeno.com.cn

Chemical Analysis(Typical)

SiO ₂	AL ₂ O ₃	Fe ₂ O ₃	Na ₂ O
0.07	99.55	0.03	0.26

Health Hazard Information

Health Effects

- Swallowed : May cause harm to body, seek medical help.
- Eye : Irritation may result if recommended exposure limits are Exceeded
- Skin : No harm to skin.
- Inhaled : Dust in excess of recommended exposure limits may result In irritation of the respiratory tract.

First Aid

- Swallowed : May cause harm to body, seek medical help.
- Eye : Rinse with water, seek medical help if necessary.
- Skin : No harm to skin.
- Inhaled : Remove to fresh air

Advice to Doctor

Chronic lung conditions may be aggravated by exposure to high concentration of dust.

Precautions for use

- Exposure Limits : Nuisance Dust
- Ventilation : Local exhaust recommended in case of dusting
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Personal Protection	: Approved eye goggles & dust mask to be worn in dusty Conditions
Flammable	: Non-flammable

Safe Handling Information

Storage and Transport	: Care should be taken to avoid dusting
Spills and Disposal	: Spillage may result in slippery conditions
Fire / Explosion Hazard	: None
Other Information	: (Material to avoid) – Hydrofluoric Acid Use standard good manufacturing practices when handling Material.
