

PRODUCT DATA SHEET & MATERIAL SAFETY DATA SHEET

Identification of the Chemical and the Origin

Product	: Zirconia Fused Alumina for Abrasives Tools, Sandblasting
Other Names	: Zirconia Fused Aluminium Oxide, Zirconia Aluminum Oxide, ZA Abrasives
Country of Origin	: China
Manufacturer of Material	: Luoyang Zhongsen Refractory Co.,Limited
Features	: Hard, High Abrasive Ability, Ideal Particle Distribution
Picture of Product:	



Physical Specifications & Package

Specific Gravity	: ≥ 4.3 g /cm ³ for ZA25, ≥ 4.6 g /cm ³ for ZA40
Compression Strength	: ≥ 500 N
Hardness	: 9 MOSH
Color	: Dark Brown
Melting Point	: 2250°C
Sizes Available	: FEPA F8-F220,P12-P220
Package	: 1 Ton Big Bag, 25kg Bag and 40 Bags on a Pallet



Luoyang Zhongsen Refractory Co., Limited

Yaowan Village, South Dukang Road, Yichuan County, Luoyang City, Henan Province, P.R. CHINA

TEL: 0086-379-69351288 WEB: www.zhongsen-refractory.com

Chemical Analysis

Item#	Al ₂ O ₃	ZrO ₂	SiO ₂	TiO ₂	Fe ₂ O ₃
ZA25	>70%	23-27%	<0.4%	<0.4%	<0.3%
ZA40	>56%	38-42%	<0.1%	<0.2%	<0.3%

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
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Ventilation	: Local exhaust recommended in case of dusting
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.
