



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

PRODUCT DATA SHEET & MATERIAL SAFETY DATA SHEET

Identification of the Chemical and the Origin

Product	: Black Silicon Carbide for Abrasive Tools, Sandblasting
Other Names	: Black Silicon Carbide, Black SiC
Country of Origin	: China
Manufacturer of Material	: Luoyang Zhongsen Refractory Co., Limited
Features	: Hard, Good Abrasive Ability, Ideal for Abrasive, Blasting,
Polishing	

Picture of Product:



Physical Specifications & Package

Main Content	: SiC
Specific Gravity	: ≥ 3.15 g/cm ³
Bulk Density	: 1.20-1.60 kg/m ³
Hardness	: 9.20 MOSH
Color	: Black
Melting Point	: 2700°C
Sizes Available	: FEPA F16-F220
Package	: 1 Ton Big Bag, 25kg Bag and 40 Bags on a Pallet



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Chemical Analysis(Typical)

Chemical Analysis	
SiC	99.75%
Fe ₂ O ₃	0.08%
Free C	0.07%

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.
