



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	: Green Silicon Carbide for Abrasive Tools, Sandblasting
Other Names	: Green Silicon Carbide, Green 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	: $\geq 3.15 \text{ g/cm}^3$
Bulk Density	: $1.20\text{-}1.60 \text{ kg/m}^3$
Hardness	: 9.20 MOSH
Color	: Green
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	99.22%
Fe ₂ O ₃	0.08%
Free C	0.06%

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.
