

Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.	U.S. Department of Labor Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1269-0443			
IDENTITY (As Used on Label and List) SINO-CRACK	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.			
Section I				
Manufacturer's Name guizhou sino quarry & mine industries corp.,ltd.	Emergency Telephone Number & Telephone Number for Information 008613098507177 CHINA			
Address (Number, Street, City, State, and ZIP Code 7FL,RUIJIN BUSINESS BLDG,GUIYANG CITY,GUIZHOU PROVINCE, P.R.CHINA	Date Prepared AUG 04, 2007			
Section II - Hazardous Ingredients/Identity Information				
Hazardous Components (Specific Chemical Identity; Common Names(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended (optional)	%
A. HAZARDOUS COMPONENTS : NONE				
B. NON-HAZARDOUS CHEMICAL COMPOUNDS (% by weight)				
1. Inorganic Compounds				
1) Silicon Dioxide (SiO ₂)				1.5 - 8 %
2) Aluminium Oxide (Al ₂ O ₃)				0.4 - 5 %
3) Ferric Oxide (Fe ₂ O ₃)				0.2 - 2 %
4) Calcium Oxide (CaO)				81 - 95 %
5) Magnesium Oxide (MgO)				0 - 1.1 %
6) Sulfur Trioxide (SO ₃)				0.6 - 4 %
2. Organic Compound none				

Section III - Physical/Chemical Characteristics			
Boiling Point	Not Applicable	Specific Gravity (H ₂ O = 1)	3.22
Vapor Pressure (mm Hg.)	Not Applicable	Melting Point	1180°C
Vapor Density (AIR = 1)	Not Applicable	Evaporation Rate (Butyl Acetate = 1)	Not Applicable
Solubility in Water			
Slight			
Appearance and Odor			
Gray Powder, No odor			
Section IV - Fire and Explosion Hazard Data			
Flash Point (Method Used)	Flammable Limits		
Not Applicable	Not Applicable	LEL	UEL
Extinguishing Media			
Not Applicable			
Special Fire Fighting Procedures			
Not Applicable			
Unusual Fire and Explosion Hazards			
When the product is used incorrectly such as the use out of proper temperature range etc., blow-out shots will occur.			
Section V - Reactivity Data			
Stability	Unstable	Conditions to Avoid	
	Stable	X	
Incompatibility (Materials to Avoid)			
Water (Only storage)			
Hazardous Decomposition or Byproducts			
None			
Hazardous Polymerization	May Occur	Conditions to Avoid	
	Will Not	X	

	Occur		
Section VI - Health Hazard Data			EYE CONTACT : Avoid
Route(s) of Entry:	Inhalation	Skin	Ingestion
	Avoid	Avoid	Avoid
Health Hazards (Acute and Chronic)			
1) Skin and eye contact : Irritation, Burn			
2) Inhalation and Ingestion : The same symptoms as getting cement or quicklime will appear.			
Carcinogenicity:NTP	IARC	OSHA	
Not Applicable	Monographs	Not Regulated	Not Applicable
Signs and Symptoms of Exposure			
Since the product is an alkali material, skin etc. will be irritated.			
Medical Conditions Generally Aggravated by Exposure			
Skin and eyes will be irritated and will burn unless immediately rinsed off.			
Emergency and First Aid Procedures			
If the skin comes in contact with the product, rinse it off with clean water immediately.			
If eyes come in contact with it, rinse it off with clean water immediately, and consult with a doctor as soon as possible.			
Section VII - Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material Is Released or Spilled			
1) Gather the released or spilled product with a broom or a shovel.			
2) Mix it with a large amount of water.			
3) Sprinkle it onto open ground.			
Waste Disposal Method			
1) Mix it with a large amount of water.			
2) Sprinkle it onto open ground.			
Precautions to Be Taken in Handling and Storing			

Store it under dry condition, and wear safety goggles for eye protection, and use rubber gloves.

Other Precautions

When mixing the product with water, do not get close to holes filled with the mixture of the product and water to avoid any accident to be caused by blown-out shots.

Section VIII - Control Measures

Respiratory Protection(Specify Type)

It is recommended to wear ordinary dust-proof mask.

Ventilation	Local Exhaust	Special
	Not Applicable	Not Applicable
	Mechanical (General)	Other
	Not Applicable	Not Applicable

Protective Gloves Ordinary Rubber Gloves Eye Protection Safety Goggles

Other Protective Clothing or Equipment

Not Applicable

Work/Hygienic Practices

Not Applicable

Transport Requirements

The goods no special transport requirements, sea land can be