

Material Safety Data Sheet

Calcium Silicate Board **MSDS**

Section 1

Product and Company Identification

Product Name: Calcium Silicate Board

Synonyms: Ceramic Board

Application: Heatproof

Contact information

Manufacturer: Zibo Taisheng New Material Co.,Ltd

Address: North of Kexiang Road , Zichuan Economic Development Zone, Zibo city, 255129, China

Emergency telephone number: 0086-533-3191633

Section 2

Composition and Information on

Ingredients

Chemical name	CAS-No	Formula	EINECS
Diatomite	61790-53-2	SiO ₂	212-293-4
Calcium oxide	1305-78-8	CaO	215-138-9

Section 3

Hazards Identification

Emergency overview: Non-combustible

Eye contact: Contact with eyes may cause irritation

Skin contact: May cause eye/skin irritation

Inhalation: May cause irritation of respiratory tract

Ingestion: Ingestion may cause irritation to mucous membranes

Classification: Not dangerous

Aggravated medical conditions: Asthma, Lung irritation, Dermatitis

Section 4

First Aid Measures

General Advice: Show this safety data sheet to the doctor in attendance

Skin Contact: Wash off immediately with soap and plenty of water removing All contaminated clothes and shoes

If skin irritation persists, call a physician

Eye Contact: Immediately flush with plenty of water. After initial flushing Remove any contact lenses and continue flushing for at least 15 Minutes

If symptoms persist, call a physician

Inhalation: Move to fresh air

If breathing is difficult, give oxygen

If not breathing, give artificial respiration Consult a physician if necessary

Ingestion: Clean mouth with water and afterwards drink; plenty of water Never give anything by mouth to an unconscious person

Do not induce vomiting without medical advice Consult a physician

Section 5

Fire and Explosion Data

Suitable Extinguishing Media:

The product itself does not burn

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Wear self-contained breathing apparatus and protective suit

Section 6

Accidental Release Measures

Personal Precautions: Wear personal protective equipment avoid dust formation

Environmental Precautions: No special environmental precautions required

Methods for Clean-up: Take up mechanically and collect in suitable container for disposal

Section 7

Handling and Storage

Handling

Technical Measures / Precautions: No special handling advice required

Safe Handling Advice: Avoid dust formation in confined areas

Storage

Technical Measures / Precautions: Keep in a dry place

Incompatible products: No information available

Specific use :None

Section 8

Exposure Controls/Personal Protection

Personal protective Equipment

Respiratory Protection: In case of insufficient ventilation, wear suitable Respiratory equipment
When workers are facing concentrations above the Exposure limit they must use appropriate certified Respirators

Hand Protection: Wear suitable protective gloves

Eye / face protection: Tightly fitting safety goggles Safety glasses with side-shields

Skin Protection: No special Protective equipment required

General Hygiene Considerations: When using do not eat, drink or smoke Regular cleaning of equipment, work area and

Clothing Environmental exposure controls: No information available

Section 9

Physical and Chemical Properties

Physical State: Solid Color:
White/Grey

Odor: Odorless PH: 7.0

Flash Point: Not applicable

Autoignition Temperature: Does not ignite

Melting Point / Range: 2570°C

Solubility: Insoluble

Density: 850Kg/m³

Water Absorption: 0 Risk of

Explosion: None

Section 10

Stability and Reactivity Data

Chemical Stability: Stable under normal storage or handling conditions

Conditions to avoid: Excess heat, exposure to moist air or water, no decomposition if stored and applied as directed

Incompatible Materials: Acids, bases, bromine trifluoride, nitrates, potassium chlorates, silver salts, carbonates,

Hazardous Decomposition Products: Not applicable

Hazardous Polymerization: Hazardous polymerization does not occur

Possibility of Hazardous Reactions: None under normal processing

Section 11

Toxicological Information

Local effects

Skin irritation: May cause skin irritation and /or dermatitis

Eye irritation: Contact with eyes may cause irritation

Inhalation: May cause irritation of respiratory tract

Ingestion: Ingestion may cause irritation to mucous membranes

Additional advice: The following toxicological data shown are those

Obtained from tests on products of similar composition (in accordance with
EC-Directive 1999/45/EC)

No known effect

Long term Effects

Eye Contact: No information available

Skin Contact: No information available

Ingestion: No information available

Inhalation: No information available

Section 12

Ecological Information

Ecotoxicity effects: Not water endangering

Additional ecological information: No information available

Section 13

Disposal Considerations

Waste Disposal Method: Dispose of in accordance with local regulations

Contaminated Packaging: Empty containers should be taken for local Recycling recovery or waste disposal

Further information: Can be landfilled, when in compliance with local Regulations

Section 14

Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15

Other Regulatory Information

R-phrase(s): Not applicable

S-phrase(s): Not applicable

Symbol(s): Not applicable

Section 16

Other Information

References: -safety data sheet created by: Zibo Taisheng

New Material Co.,Ltd

Other Special Considerations: Not available. Created: 19/7/2014

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