

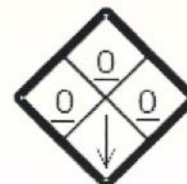


NINGBO YIHE GREENBOARD CO., LTD

Nongkenchang, Longshan Town, Cixi City, Zhejiang Province, P.R.China

Date: 2009.11.3

SAFETY DATA SHEET



NFPA RATING

SECTION 1: IDENTIFICATION

GHS Product of identifier: FIBER CEMENT BOARD

Other means of identification: CALCIUM SILICATE BOARD

Recommended use of the chemical and restrictions on use:

Board for construction, mainly used in wallboard, ceiling board, floor board, etc.

Supplier's details:

Supplier's name: NINGBO YIHE GREENBOARD CO., LTD

Full address: Nongkenchang, Longshan Town, Cixi City, Zhejiang Province,
P.R.China

Phone number: +86-574-63974118

Fax number: +86-574-63974129

E-mail:

Emergency phone number:

SECTION 2: HAZARD IDENTIFICATION

Classification of the mixture: Non-hazardous goods

GHS label elements, including precautionary statements:

Signal words: None

Hazard statement: None

Precautionary Statement: Wear protective gloves.

Do not breathe dusts or mists.

Avoid release to the environment.

Pictograms: None

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Proportion range (%)	CAS No.
Cement	34%	65977-15-1
Aluminum Oxide	4%	1344-28-1
Calcium Sulfate	4%	10034-76-1
Quartz powder (Amorphous silica)	38%	7631-86-9



Water (Dihydrogen oxide)	8%	7732-18-5
Wood fiber	12%	Not Available

SECTION 4: FIRST-AID MEASURES

Inhalation: Remove to fresh air. Drink water to clear throat and blow nose to evacuate dust. If coughing and irritation develop, call a physician.

Eye Contact: Flush with large amounts of water until irritation subsides, as least 15 minutes. See a physician if irritation persists.

Skin Contact: Normal good personal hygiene practices. Wash with mild soap and warm water after each exposure.

Ingestion: Emergency procedures not normally required. May be a temporary irritant to the GI system.

SECTION 5: FIRE-FIGHTING MEASURES

NFPA Rating: Health: 0 Fire: 0 Reactivity: 0 Other: 0

Flashpoint and Method: This is a non-flammable product LEL: N/A UEL: N/A

Extinguishing Method None. Product will not burn.

Special Firefighting Procedures: None.

Fire or explosion Hazards: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Clean-up Procedures: Pick up or shovel material into waste container taking care to minimize dust. Wet down if necessary to control dust. Vacuum clean dust with equipment fitted with HEPA filter

Personal Precautions: If dusty conditions exist, wear a face mask approved for use with dusts such as 3M 8511 N-95 or equivalent.

Environmental Precautions: None normally required.

SECTION 7: HANDLING AND STORAGE

Storage Requirements: Store in a dry, well ventilated area. Always segregate materials by major hazard class.

Special Sensitivity or Incompatibility: Avoid contact with strong acids.

Handling Precautions: Assure proper respiratory protection if dust potential exceeds PEL/TLV.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: When over the PEL/TLV, wear an approved face mask such as 3M 8511 N-95 or equivalent, to protect against silica and pneumoconiosis producing dust. Concentrations of dust that exceed the recommendations of the dust mask manufacturer will need a higher level of respiratory protection, such as a half mask respirator with appropriate dust filters.

Eye Protection: Wear safety glasses with side shields, goggles or face shield when cutting, milling or abrading to protect eyes against dust and particulate.

Skin Protection: Under normal conditions the wearing of protective gloves and clean, body-covering clothing should be adequate.

Engineering Controls: Maintain sufficient mechanical or natural ventilation to assure dust concentrations remain below PEL/TLV. Use local exhaust if necessary. Power equipment should be equipped with properly designed dust collection devices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|---|-------------------------------------|
| (a) Appearance: Grey Solid | (b) Odour: Odourless |
| (c) Odour threshold: Not available | (d) pH: Not available |
| (e) Melting point/freezing point: Not available | |
| (f) Initial boiling point and boiling range: Not applicable | |
| (g) Flash point: Not applicable | (h) Evaporation rate: Not available |
| (i) Flammability(solid, gas): Not flammable | |
| (j) Upper/lower flammability or explosive limits: Not available | |
| (k) Vapour pressure: Not available. | (l) Vapour density: Not available |
| (m) Relative density: 1.1-1.7g/cm ³ | (n) Solubility(ies): Not available |
| (o) Partition coefficient, n-octanol/water: Not available | |
| (p) Auto-ignition temperature: Not available | |
| (q) Decomposition temperature: Not available. | (r) Viscosity: Not available |

SECTION 10: STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Hazardous Polymerization: Cannot occur.

Incompatibilities: None in designed use.

Decomposition Products: Decomposition of residual organic fillers will emit fumes of CO and CO₂ during initial exposure to service temperatures.

Conditions to Avoid: None in designed use.

SECTION 11: TOXICOLOGICAL INFORMATION

LD₅₀: N/Av

LC₅₀: N/Av

Toxicological Hazards: No toxicological studies of this specific product have been performed.

Ecological Hazards: Most ingredients in this product are naturally occurring minerals. Unless contaminated in service, this product is non-hazardous to the environment.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:

Persistence and degradability: Not available

Bioaccumulative potential: Not available

Mobility in soil: Not available

Other adverse effects: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: May be disposed in an approved landfill unless contaminated in service. If contaminated with hazardous materials, place waste in suitable container. Seal and properly label the waste container. Send the container to an approved Transportation, Storage and Disposal (TSD) facility via an approved waste hauler. Be sure manifests have been completed and an adequate "Paper trail" has been established.

SECTION 14: TRANSPORT INFORMATION

US DOT Shipping Name: Not regulated **DOT Label:** None **UN/NA Number:** None

Canadian TGD Shipping Description: Not regulated as dangerous goods according to Canadian TDGA

International Dangerous Goods Information:

IMO: Not regulated as dangerous goods according to the IMDG Code.

ICAO: Not regulated as dangerous goods according to the ICAO Technical Instructions.

SECTION 15: REGULATORY INFORMATION

OSHA Status: This product is considered hazardous under OSHA criteria.

TSCA/CEPA Status: All components of this product are included in the TSCA and CEPA Chemical Inventories or are naturally occurring.

CERCLA Reportable Quantity: Not applicable.

SARA Title III:

Section 302 Extremely Hazardous: This product contains no extremely hazardous substances as defined and listed in section #302

Section 311/312 Hazard Categories: Reportable as a hazardous substance. Check with

your Local Emergency Planning Committee for reportable quantities.

Section 313 Toxic Chemicals: This product does not contain substances which are reportable under Section 313.

Other Regulatory Classifications:

DSCL (EEC): R36 - Irritating to eyes

R39 - Danger of very serious irreversible effects

R45 - May cause cancer

SECTION 16: OTHER INFORMATION

Other information:

As of the date of this document, the information contained herein is believed to be accurate and correct, and is provided to comply with applicable federal and state laws. The SDS is prepared according to the requirement of Globally Harmonized System of classification and labeling of chemicals (GHS) (Rev.2, 2007 Edition). It is intended as a guide for the safe handling, storage and use under normal conditions. No warranty or representation of law or fact, with respect to such information, is intended or given. No liability is accepted for any loss, injury or damage resulting from its use and is not intended to supersede any terms or conditions of sale.

The date of preparation of the latest revision of the SDS: Nov. 3, 2009

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