

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Company: ASIA-NORWAY CO., LTD.

Address: 183/18 Moo 3 Soi 12 T.Rimkok A.Muang 57000 Chiang Rai

Product name: Fiber Cement Board

Recommended and restrictions on use:

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

SECTION 2 INFORMATION ON INGREDIENTS

Product name: Fiber Cement Board

Ingredient Proportion

Quartz sand 50~60%

Lime 15~20%

Cement 15~18%

Wood pulp (Fiber) 10%

Wollastonite 6~10%

Others 4%

SECTION 3 HAZARDS IDENTIFICATION

Hazards identification:

This substance is considered to be non-hazardous for transport.

Emergency overview:

Cutting or drilling boards can cause dust emissions which, if not controlled, may be harmful to health.

SECTION 4 FIRST-AID MEASURES

Eye contact: Flush eyes immediately with water or physiological saline for at least 15 minutes.

Remove any contact lenses and open eye widely. If irritation continues, seek medical advice.

Skin contact: Wash the skin thoroughly with water.

Inhalation: Take exposed person to fresh air.

Ingestion: Flush mouth thoroughly and drink plenty of water.

Information: Show this document (MSDS) to the doctor or the casualty department.

SECTION 5 FIRE FIGHTING MEASURES

Fire precautions: No special precautions required.

Fire fighting equipment: Not applicable.

Hazardous decomposition products: Not flammable. Small quantity of carbon monoxide and carbon dioxide.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spillage: Refer to handling procedures - use personal safety equipment. Restrict spreading. Collect dust with a Type H vacuum cleaner or soak with water and sweep it up.

SECTION 7 HANDLING AND STORAGE

Handling:

Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Mechanical exhaust is required.

Smoking is forbidden at work.

Storage:

Keep in dry and well-ventilated place. Protect from acid. No special labeling or storage conditions are necessary.

SECTION 8 EXPOSURE CONTROL / PPE

Eyes: Safety glasses suitable for dust protection.

Skin: It is good practice to avoid skin contact, wear protective gloves and normal protective working overalls are adequate.

Inhalation: If engineering controls and work practice are not effective in controlling dust emissions, then wear suitable, approved personal protective equipment. A mask with duct filter type P2 (for fine dust) would be appropriate. Filters have an expiry date and may need replacement. Read the supplier 's information.

Workplace layout: No specific requirements. The work area should be well ventilated if dust is generated during work.

Other protection: Smoking, drinking and eating are forbidden at work. Wash thoroughly after handling.

SECTION 9 PHYSICAL / CHEMICAL PROPERTIES

Appearance: Grey solid panel

Odor: weak odor

Melting point /°C: >350°C

PH Value: Not applicable

Solubility: Hardly soluble in water.

SECTION 10 STABILITY AND REACTIVITY

Stability: Remain Stable under NPT (normal pressure and temperature)

Materials to avoid: Strong oxidizing agents, acids

Hazardous polymerization: No

Hazardous decomposition products: Silicon oxides, Calcium oxides, Carbon oxides

SECTION 11 TOXICOLOGICAL INFORMATION

Routes of exposure: lungs, gastro-intestinal tract, and eyes(dust created in cutting or drilling of the boards).

Short term effects:

Eyes: Dust particles may cause temporary irritation, tearing and blurred vision.

Skin: Not anticipated.

Inhalation: Dust may result in irritation of the respiratory tract.

Ingestion: Mild discomfort.

Long term effects: Prolonged inhalation of high concentrations of the dust may cause respiratory conditions.

SECTION 12 ECOLOGICAL INFORMATION

No significant effect.

SECTION 13 DISPOSAL CONSIDERATION

Waste disposal: Treat as construction industry waste.

SECTION 14 TRANSPORT INFORMATION

DOT: Non-hazardous for Transport: This substance is considered to be non-hazardous for transport.

RID/ADR: Non-hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA: Non-hazardous for air Transport: Non-hazardous for air transport.

IMO: Non-hazardous for sea Transport: Non-hazardous for sea transport.

SECTION 15 REGULATORY INFORMATION

EU Regulation:

It is not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to regulation 1999/45/EEC.

SECTION 16 OTHER INFORMATION

Other information

Fields of application: Board for use in the construction industry.

Requirements concerning special training: No special training necessary. The worker shall be fully instructed in the conduct of the job and be informed of the contents of this document (MSDS).

Residual components: Quartz is used in the manufacturing and a small proportion may remain on the board. The amount is such that exposure to mixed dust from the board at the OES of 5mg/m³ is not likely to lead to an exposure to quartz in excess of the MEL which for quartz is 0.3mg/m³.

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