



6400 Shawson Drive, Unit 1, Mississauga, ON L5T 1L8
Tel: (905) 564-0807 Fax: (905) 564-4812

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT TRADE NAME: Ceramic LD Millboard

PRODUCT DESCRIPTION: High Temperature Insulation Board

WHMIS CLASSIFICATION: Class D-2A **DATE::** March 14th, 2010

HMIS RATING: 1 HEALTH 0 FLAMMABILITY 0 REACTIVITY 0 OTHER

0 = Insignificant 1 = Slight 2 - Moderate 3 = High 4 = Extreme

SECTION 2 COMPOSITION - HAZARDOUS MATERIALS

Amorphous silica CAS 7631-86-9. 2 – 10%

Aluminosilicate fibre CAS 12844-006

SECTION 3 PHYSICAL DATA

FORM: Semi hard fibre board

pH Not applicable

APPEARANCE: Off white

COLOUR: Light beige/Off White

MELTING POINT: 1760°C

DECOMPOSITION POINT: Not available

FLASH POINT: Not applicable

SOLUBILITY: Not applicable. Aluminosilicate fibre not soluble in water.
Insulation board will soften in contact with water.

Above are typical values for this product

SECTION 4 FIRE & EXPLOSION DATA

FLASH POINT: Not applicable. Insulation board not flammable

EXTINGUISHING MEDIA: Use water

SPECIAL FIRE FIGHTING PROCEDURES: CO or CO² and smoke will be given off from binder in the insulation board

UNUSUAL FIRE & EXPLOSION HAZARDS: None



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SECTION 5 REACTIVITY DATA

Conditions to Avoid: None known

Incompatibility (Materials to Avoid): Soluble in hydrofluoric acid, phosphoric acid and concentrated alkali

Hazardous Decomposition Products: Co², CO and smoke on new board due to binder

Hazardous Polymerization: Will not occur

SECTION 6 HEALTH HAZARD DATA

EFFECT OF OVEREXPOSURE BY:

INHALATION: May cause temporary irritation upper respiratory tract

SKIN CONTACT: May cause temporary irritation

EYE CONTACT: May cause temporary irritation

INGESTION: Low toxicity

OTHER INFORMATION:

EXPOSURE LIMITS: (INHALATION) Canada 0.5-1.0 fibres 1cc 8 hrs. TWA.

SENSITIZATION TO PRODUCT: People with sensitive skin should avoid long term exposure. Rare possibility of allergy

CARCINOGENICITY: The International Agency on Cancer (IARC) has designated aluminosilicate fibre as a group 2b. This is a probable human carcinogen.

AFTER SERVICE REMOVAL OF BOARD: If the insulation board is exposed to temperatures over 985°C this may cause a formation of crystalline silica which is a suspect carcinogenic to man. If this is the case then personnel removing this material must be fully protected while the operation is taking place.

SECTION 7 FIRST AID MEASURES

Inhalation: Move person to fresh air. Treat symptoms. Obtain medical attention immediately

Eye Contact: Flush with water for 20 minutes. .

Skin Contact: Wash with soap and water.

Ingestion: Do not induce vomiting; drink several glasses of water. Seek medical attention.



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SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Wear a NIOSH/MSHA approved air-purifying respirator with dust cartridge or equivalent

VENTILATION: General area ventilation is recommended.

EYE PROTECTION: Safety glasses with side shields

PROTECTIVE GLOVES: Impermeable gloves (PVC or cotton)

OTHER PROTECTIVE EQUIPMENT: None normally required

If clothing is contaminated, remove clothing and wash with soap and water. Launder contaminated clothing before reuse.

SECTION 9 SPECIAL PRECAUTIONS

IN HANDLING AND STORAGE: Avoid breathing product dust when taken out of container

OTHER: Keep in a container in a dry area

When installing board avoid the use of tools that will cause dust.
Clean work area using HEPA filter vacuum or wet sweep.

SECTION 10 SPILL & LEAK INFORMATION

ENVIRONMENTAL EFFECTS: Not known to be harmful to aquatic life at low concentrations.
No quantitative data are available

STEPS TO BE TAKEN IN THE EVENT OF WASTE ON FLOOR:
Gently sweep the waste into a shovel in order to prevent dust

WASTE DISPOSAL: Dispose of wastes in an approved disposal site. (not considered a hazardous waste)

SECTION 11 TRANSPORTATION INFORMATION

NOT REGULATED - FOR EMERGENCY CALL - (905) 564-0807

SECTION 12 WHMIS CLASSIFICATION

CLASSIFIED D-2A



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SECTION 13	PREPARATION INFORMATION
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