

## MATERIAL SAFETY DATA SHEET

### EVEREST FIRE RATED CEMENT BOARDS FOR PARTITION, CEILING & FLOORS

#### SECTION 1 PRODUCTS AND IDENTIFICATION

Product : Everest fire rated cement boards for Partition, Ceiling & Floors

Chemical Family : Cement Boards

Other Names : Fibre – Cement Boards

#### SECTION 2 PHYSICAL DESCRIPTION / PROPERTIES

Appearance : Solid Grey boards with various dimensions according to product  
Odour : Low to no odour  
pH : about 11.5  
Particle size : Varies  
Vapour Pressure : Not relevant  
Flash Point ( ° C ) : Not relevant  
Flammability Limits : Non – flammable  
Volatility : Not relevant  
Boiling point : Not relevant  
Solubility in water : Not relevant  
Melting point : Not relevant

#### SECTION 3 COMPOSITION , INFORMATION ON MAIN INGREDIENS

Material	CAS No	Weight , %
Cellulose	9004 – 34 – 6	7 to 12
Silica	7631 – 86 – 9	15 to 30
Portland Cement	65997 – 15 – 1	30 to 40
Pulverised Fuel ash	68131 – 74- 9	30 to 40

#### SECTION 4 HEALTH HAZARD INFORMATIONS

##### HEALTH EFFECTS :

Target Organs : Eyes , Skin and respiratory system

Primary routes of entry : Inhalation, eyes and skin contact

Acute Effects :

**Research & Development Centre**  
**DSIR Recognised**  
**EVEREST INDUSTRIES LTD.**  
152, Lakhmapur,  
Tal. Dindori, Dist. Nasik (M.S.)  
☎- 02557-250466.



Page 1 of 5

##### Everest Industries Limited

Lakhmapur Works : Gat No.152, Lakhmapur, Taluka Dindori, Nashik - 422202 (Maharashtra)  
Tel. :+91-2557- 250375/462, Fax :+91-2557- 250376

Swallowed : Not applicable  
Eye : Eye irritation may occur from exposure to excessive dust  
Inhaled : Upper respiratory tract irritation may occur if excessive dust is inhaled  
Skin : Not applicable

Chronic Effects :

Swallowed : Not applicable  
Eye : Not applicable  
Inhaled : There are no documented effects of long term exposure hazard for this material. Appropriate hygiene practices will ensure that the extent of exposure to free silica from this material does not present a health hazard  
Skin : Not applicable

SECTION 5  
FIRST AID MEASURES

Swallowed : This product is not intended to be ingested or eaten . If gastric disturbance occurs , consult Physician  
Eyes : Do not rub or scratch your eyes. Immediately flush thoroughly with running water. Get medical attention .  
Skin contact : Flush with copious water . If need be, use soap solution . If irritation or pain persists get medical attention.  
Inhalation : Remove to fresh air . Leave the area of dust exposure and remain away until coughing and other symptoms subside. If conditions warrant , contact physician.

Medical Conditions which may be aggravated :

Pre existing upper respiratory and Lung diseases such as bronchitis, emphysema and asthma .  
Pre existing skin diseases such as rashes and dermatis.

SECTION 6  
FIRE FIGHTING MEASURES

General Fire Hazards : Will not burn  
Extinguish Media : Water or use any Extinguishing media appropriate for surrounding fire  
Special Fire Fighting Procedures : Wear appropriate personal protective equipment  
Unusual Fire & Explosion Hazards : Not applicable  
Hazardous Combustion Products : Not applicable  
Upper Flammable Limit ( UFL) : Not applicable

Page 2 of 5

Lower Flammable Limit ( LFL) : Not applicable  
Ignitability : " P " Not easily Ignited

**Research & Development Centre**  
**DSIR Recognised**  
**EVEREST INDUSTRIES LTD.**  
152, Lakhmapur,  
Tal. Dindori, Dist. Nasik (M.S.)

**Everest Industries Limited**  
Lakhmapur Works : Gat No.152, Lakhmapur, Taluka Dindori, Nashik - 422202 (Maharashtra)  
Tel. :+91-2557- 250375/462, Fax :+91-2557- 250376



Surface spread of Flame : " Class 1 " Best Index  
Fire propagation : less than 3  
UK Building Regulation : Class O

SECTION 7  
ACCIDENTAL RELEASE MEASURES

Containment : No special precautions

Clean up : No special precaution. Collect material from spillage in a waste container

Disposal : Follow all local , State , Provincial and Federal regulations

SECTION 8  
HANDLING AND STORAGE

**CONTROLS :**

Avoid generating dust, wherever possible, practices likely to generate dust should be carried out in adequately ventilated areas or in process enclosures with exhaust ventilation. Work areas should be cleaned regularly by wet sweeping or vacuuming. Practices other than those recommended may generate excessive levels of dust.

**CUTTING :**

Use hand guillotine for cutting

**STORAGE :**

- Sheets should be placed on plain surface without undulations.
- Sheets should be stacked horizontally and never inclined
- While stacking care should be taken that no hard particle remain between two sheets.
- Sheets should be stored under a covered space , free of moisture and not exposed to direct sunlight , preferably in a closed godown.
- Recommended storage height for flat sheets is upto 1 metre per stack.
- Stacks of larger size sheets should not be kept over stacks of smaller size sheets.



SECTION 9  
EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS :

Local mechanical ventilation may be required , when using power cutting tools unless the work is being performed in the open or well ventilated area .

PERSONAL PROTECTION :

Eyes / Face : If cutting materials with power tools, safety goggles should be worn  
Skin : If need be , use gloves and long sleeved shirts & pants.  
Inhalation : Generally not necessary . If excessive dust is being generated , Class P3 respiratory protective devices should be worn.

SECTION 10  
CHEMICAL STABILITY AND REACTIVITY

Stability : Stable  
Incompatibility : Not applicable  
Hazardous Polymerization : Will not occur  
Hazardous decomposition : None known

SECTION 11  
TOXICOLOGICAL INFORMATION

ACUTE EFFECTS :

Direct contact may cause eye , skin and /or respiratory irritation.

CHRONIC EFFECTS / CARCINOGENICITY :

Panels do not release respirable dust in their installed state and therefore do not present any known health hazards when installed and properly maintained.

Non toxic to human beings. No trace of Dioxin, Potassium cyanide, Mercury & Arsenic.

Radioactivity Analysis : Carried at Bhabha Atomic Research Centre, Mumbai , India

The activity of Radionuclides U 238, Th – 232 , K -40 & Cs – 137 , are less than the exemption limits as specified by International Basic Safety Standards ( year 1996) , Safety series no. 115, published by International Atomic Energy Agency , Vienna ( Austria)

**Research & Development Centre**  
**DSIR Recognised**  
**EVEREST INDUSTRIES LTD.**  
152, Lakhmapur,  
Tal. Dindori, Dist. Nasik (M.S.)  
☎- 02557-250466.

**Everest Industries Limited**

Lakhmapur Works : Gat No.152, Lakhmapur, Taluka Dindori, Nashik - 422202 (Maharashtra)  
Tel. : +91-2557- 250375/462, Fax : +91-2557- 250376



SECTION 12  
ECOLOGICAL INFORMATIONS

Fibre cement products will not degrade in the ground.

SECTION 13  
DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD :

Dispose of the material in accordance with Federal , State , Provincial and Local regulations. Consult with environmental regulatory agencies for guidance on acceptable disposal practices.

Being Non Hazardous , the waste can be used as Landfill - Consent given by Maharashtra Pollution Control Board , Mumbai , India ( under section 25 of the water – Prevention & Control of Pollution – Act 1974 and under section 21 of the Air – Prevention & Control of Pollution – Act 1981 and Authorization under Rule No.5 of the Hazardous wastes ( Management & Handling ) Rules 1984 & Amendment rules ).

SECTION 14  
TRANSPORT INFORMATION

Being Non Hazardous, the only precaution to be taken is to cover the stacks of sheets with Polythene or Tarpaulin cover . The edges are to be protected with Corner / Edge plastic sections.

SECTION 15  
OTHER INFORMATIONS

Product Labeling : Every consignment is pasted with a label , with details of the Product type, size and Instructions on Handling, Storing and precautions to taken while working .

As of the date of preparation of this document the foregoing information are believed to be accurate. However no warranty or representation with respect to such information is intended or given.

Contact Point : Marketing , Everest Industries Limited, Genesis , A – 32 ,  
Mohan Co operative Industrial Estate, Mathura Road, New Delhi 110044.  
Tel. no : 91-11-41731951-53 ; Fax : 91 – 11- 46566370

**Research & Development Centre**  
**DSIR Recognised**  
**EVEREST INDUSTRIES LTD.**  
152, Lakhmapur,  
Tal. Dindori, Dist. Nasik (M.S.)  
☎- 02557-250466.

Page 5 of 5



**Everest Industries Limited**

Lakhmapur Works : Gat No.152, Lakhmapur, Taluka Dindori, Nashik - 422202 (Maharashtra)  
Tel. : +91-2557- 250375/462, Fax : +91-2557- 250376