



# Zentech Ecoboard Ltd.

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## MATERIAL SAFETY DATA SHEET

### PRODUCT IDENTIFICATION

**Product Name:** Ecooard

**Other Names:** Wood Cement Board / Cement Bonded Particle Board

**Manufacturer's Product Code:** Various

**UN Number:** None allocated

**Hazchem Code:** None allocated

**Poisons Schedule Number:** None allocated

**Use:** Cement Bonded Particle Boards for multiple internal/external uses as ceiling, sub roof, wall, and floor.

### PHYSICAL DESCRIPTION / PROPERTIES

**Appearance:** Smooth cement grey finish.

**Boiling Point/melting Point (°C):** Not applicable

**Vapour Pressure (Pascal):** Not applicable

**Board Density: (kg/m<sup>3</sup>):** Approximately 1100 - 1300

**Flash Point (°C):** Not applicable

**Flammability Limits (%):** Non-flammable

Viva Board is a class "O" product (virtually incombustible) according to BS 476 part 6 and 7

**Solubility in Water (g/L):** Not relevant

### INGREDIENTS (% by weight)

Cement > 60

Wood flake < 40

Calcium Chloride < 2

### HEALTH HAZARD INFORMATION

**Health Effects:** The cement bonded particle boards in their manufactured form do not release airborne dust, but during cutting and sanding operation wood and cement dust may be produced.

#### ACUTE

**Swallowed:** Unlikely under normal conditions of use, but swallowing the dust from this product may result in abdominal discomfort.

**Eye:** Excessive dust may cause eye irritation.

**Skin:** In some cases dust can irritate sensitive skin.

**Inhaled:** Dust from this product may cause irritation of the nose, throat and lungs, causing coughing and sneezing.

#### CHRONIC

No known Long term effects.

## **FIRST AID**

**Swallowed:** Give a glass of water to drink.

**Eye:** Flush with flowing water for at least 15 minutes. If irritation persists seek medical attention.

**Skin:** Wash with mild soap and running water.

**Inhaled:** Remove the person from the dusty area.

**Advice to Doctor:** Treat symptomatically.

## **PRECAUTION FOR USE**

**Engineering Controls:** Avoid generating dust. If dust is created when using power operated equipment for

cutting or drilling the product in an enclosed or poorly ventilated area local dust extraction is recommended.

Work areas should be cleaned regularly by sweeping or vacuuming.

**Personal Protection:** Wear goggles if dust is likely to cause irritation, e.g. high concentration, draughty conditions. Wear impervious PVC, Nitrile or Rubber gloves if dust causes irritation. General work clothes are satisfactory.

**Flammability:** Ecoboard is tested with E84 and has flame spread less than 5 and smoke developed less than 10. Therefore, no special precautions are necessary.

## **SAFE HANDLING INFORMATION**

### **Storage:**

- Ecoboard must be stored under a roofed area, in a dry environment and well protected from
- weather. Floor area should be leveled and solid. Uneven or tilting floor can cause damage to Ecoboard.
- Ecoboard should be stored in its original packing supplied.
- If taken out from the pallets, board can be stacked with the maximum height of 75 cm. The stack
- shall be laid flat on 5 bearing plates with maximum of 60 cm space among plates. The stack shall be
- covered with waterproof protective plastic sheet.
- Maximum of 4 pallets or stacks shall be laid on top of each other.
- It must never be stored on edge or upright. Outdoor storage is not recommended.

### **Transport:**

- Ecoboard should be laid flat and be adequately protected during transportation by waterproof
- covering.
- Lifting the board from its stack should be done one piece at a time by sliding to the side. Never lift
- Ecoboard from its both ends because it may cause the board to bend resulting in board breakage.
- Ecoboard must be carried in a vertical position.

**Spill and Disposal:** Off-cuts and general waste material should be disposed of at approved landfill sites in

accordance with disposal authority guidelines. Dust from cement bonded particle boards should be cleaned

up by vacuum or wet-sweeping.

**Fire/Explosion Hazard:** Ecoboard is tested with E84 and has flame spread less than 5 and smoke developed less than 10.

Burning or smoldering boards or dust can generate carbon dioxide, carbon monoxide and other pyrolysis products.

Use water, carbon dioxide, foam or dry chemical fire extinguishers.

Fire fighter to wear self contained breathing apparatus.