

# Marmox Board

## 1. Product and company identification

**Identification of the product:**

**Trade Name:** Marmox Board, Marmox Shower Tray

**General use of the product:**

Tile backer board underlayment and shower underlays for residential and Commercial installations, professional application

**Manufacturer Identification:**

CMB Egypt  
319 Al – Haram Street  
Giza – Egypt  
Mobile: (002) 01001745177  
Tel. No.: (202) 35854084  
Fax No.: (202) 35859858

## 2. Hazards identification

**Hazardous Ingredients:**

**This product is HBCD free and does not contain any “ REACH “ hazardous substances.**

**Emergency overview:**

Physical state:	solid
Color Base:	blue/grey
Upper side/lower side:	gray / white
Odor:	odorless

**Regulatory status:**

This material is not considered hazardous by the U.S. OSHA Hazard Communication. Standard (29 CFR 1910.1200) and SIMDUT in Canada.

**Information pertaining to special dangers for human and environment:**

Processing, e.g. by cutting, sawing or grinding, can produce particles and dust. For risks which have to be observed thereby, see Section 7: Handling, Section 8: Exposure controls / personal protection and Section 11: Toxicology.

## 3. Composition / Information on ingredients

**Chemical characterization (preparation):**

Extruded polystyrene foam core with a halogenated flame retarding agent, coated with water resistant cement mortar according to EN 196, silica fillers, redispersible plastics, Glass fiber mesh and SBR based polymer.

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### 4. First-aid measures

**General information:** For mechanical processing: dust formation.

**After inhalation:**

Dusts/particles: Provide fresh air. Seek medical treatment in case of persistent symptoms.

**In case of skin contact:**

Dusts/particles:

Wash with soap and water

In the event of persistent symptoms seek medical treatment.

Avoid rubbing of skin to avoid dust penetration into the skin.

**After Eye contact:**

Dusts/particles: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of persistent symptoms, consult an Ophthalmologist.

**After swallowing:**

Dusts/particles: Rinse mouth thoroughly with water followed by sips of water to clear throat. In the event of persistent symptoms seek medical treatment.

**Most important effects both acute and delayed:**

No data available.

### 5. Firefighting measures

**Suitable extinguishing media:**

Water, Carbon dioxide, extinguishing powder, foam.

**Dangerous combustion products:**

May form dangerous gases and vapors in case of fire. Exposure to heat may produce hazardous decomposition products: Styrene, Ethyl benzene, Aromatic hydrocarbons, Aldehydes, Carbon monoxide and Carbon dioxide.

**Special protective equipment for fire fighters:**

Wear a self-contained breathing apparatus and chemical protective clothing.

**Additional information:** Do not allow fire water to penetrate into surface or ground water.

### 6. Accidental release measures

**Personal precautions:** No special measures are required.

In the case of the formation of dust: Provide fresh air. Do not breathe dust.

**Environmental measures:** Discharge into the environment must be avoided.

**Methods for cleaning up:** Take up mechanically. Dispose of waste according to applicable legislation. Avoid generation of dust. Final cleaning.

**General comment:** Refer to protective measures in Sections 7 and 8 along with disposal precautions in Section 13.

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### 7. Handling and storage

**Advice on safe handling:**

Provide adequate ventilation, and local exhaust as needed.

Avoid generation of dust.

Wear suitable protective clothing and gloves.

For mechanical processing: Dust formation. The use of local exhaust ventilation is recommended. Do not breathe dust.

**Protection against fire and explosion:**

Avoid sources of heat and fire.

**Storage:**

Store in dry place. Protect from direct sunlight. Store on flat surface.

Avoid sources of heat and fire. Avoid contact with: Oxidizing agents, aldehydes, amines, ester, organic solvents, Fuel (liquid).

**Specific use:**

Tile backer board and underlays for residential and commercial applications, professional use

### 8. Exposure control / personal protection

**Exposure limits:**

For mechanical processing: Please observe generally defined limit for dust:

OSHA-TWA USA: 15 mg/m<sup>3</sup> (total dust)

OSHA-TWA USA: 5 mg/m<sup>3</sup> (respirable fraction)

**Engineering controls:** Provide adequate ventilation and use standard dust exhaust ventilation during mechanical processing is recommended.

See also information in chapter 7, section storage.

**Eye Protection:** During mechanical processing. Tightly sealed safety glasses according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2003.

**Body Protection:**

For mechanical processing: Wear closed work clothing.

During mechanical processing use adequate dust mask with filtering device in accordance with OSHA Standards.

Protective gloves according to OSHA Standard - 29 CFR: 1910.138 against mechanical risks according to EN 388.

**Personal protective equipment:****Respiratory protection:**

For mechanical processing:

Dust mask, Particulates filter P2 according to OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2.

When dust and vapors form:

Combination filtering device (DIN EN 141) AP2.

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**General protection and hygiene measures:**

Avoid generation of dust.  
Wash hands before breaks and after work.

Dust and glass-fibers:

Do not breathe dust. Avoid contact with skin and eyes.  
Avoid rubbing. Particles may penetrate deeper into the skin by rubbing.  
Remove fibers and/or dust from working clothes using a vacuum cleaner.

### 9. Physical and chemical properties

**Appearance:**

Physical state	Solid
Color	Gray/Blue
Odor	Odorless

**Important health, safety and environmental information:**

Softening temperature	+75 °C
Solubility in water	Insoluble
Thermal decomposition	> 300 °C

### 10. Stability and reactivity

**Chemical Stability:** Product is stable under normal storage conditions.

Polystyrene-Foam: combustible.

**Polymerization:** No dangerous reactions are known.

**Conditions to avoid:** Protect against direct sunlight.

Avoid temperatures more than +75 °C. Avoid contact with organic solvents and oils.

**Materials to avoid:** Avoid contact with: Oxidizing agents, aldehydes, amines, ester, organic solvents, Fuel (liquid).

**Hazardous decomposition products** May form dangerous gases and vapors in case of fire. Exposure to heat may produce hazardous decomposition products: Styrene, Ethyl benzene, Aromatic hydrocarbons, Aldehydes, Carbon monoxide and Carbon dioxide.

Product is self-extinguishing in case of fire.

**Thermal decomposition** > 300 °C : Thermal decomposition polystyrene

### 11. Toxicological information

**Toxicological Tests:**

**General remarks:** For mechanical processing: Formation of dust and glass-fibers. Dust and glass-fibers: Contact with skin and eyes, or inhalation may cause irritation.

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### 12. Ecological information

**Ecotoxicity:**

**Aquatic toxicity:** Polystyrene-foam: Product is not soluble in water, and floats on water.

**Persistence and degradability:** Product is not biodegradable.

**Additional ecological information General Information:** Discharge into the environment must be avoided. No unfavorable effects on water, plants, animals or microorganisms are known.

### 13. Disposal considerations

**Product:** Incinerate according to applicable local, state and federal regulations.

**Packaging:** Recycling possible without special treatment. If recycling is not practicable, dispose of in compliance with local regulations.

### 14. Transport regulations

**USA: Department of Transportation (DOT):**

Proper Shipping Name                      Not controlled under DOT.

**Sea transport (IMDG):**

Proper shipping name:                      Not restricted

**Air transport (IATA):**

Proper shipping name:                      Not restricted

**Land transport (ADR/RID):**

Product designation:                      Not restricted

**Canada: Transportation of Dangerous Goods (TDG):**

Shipping Name                                Not controlled under TDG.

**General Remark:** The product is not classified as hazardous material according to road, sea, air and rail transport regulations.

### 15. Regulatory information

**National regulations:** EC member states Labeling (67/548/EEC or 999/45/EC)

**Code letter and hazard symbol:** not applicable

**Hazard statements** not applicable

**Safety precautions** not applicable

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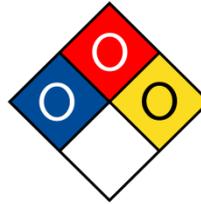
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## 16. Other information

**Hazard rating systems:**

**NFPA Hazard Rating:**

Health: 0 (Minimal)  
Fire: 0 (Minimal)  
Reactivity: 0 (Minimal)



**HMIS Version III Rating:**

Health: 0 (Minimal)  
Flammability: 0 (Minimal)  
Physical Hazard: 0 (Minimal)  
Personal Protection: X = Consult your supervisor



**Contact information:** see Section 1, manufacturer responsible for information.

**The information in this data sheet has been established to our best knowledge and was up-to-date at the time of creation. It does not represent a guarantee for the properties of the product described therein in terms of legal warranty regulations.**