

MATERIAL SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2010

Updated 01.01.2026

Marmox Board

1. Product and company identification

Identification of the product:

Trade Name: **Marmox Board (aka Multiboard)**

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.

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3. Composition / Information on ingredients

Chemical characterization (preparation):

Extruded polystyrene foam core without 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.

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,

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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.

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:

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

OSHA-TWA USA: 15 mg/m³ (total dust)

OSHA-TWA USA: 5 mg/m³ (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.

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

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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)

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Code letter and hazard symbol: not applicable

Hazard statements not applicable

Safety precautions not applicable

16. Other information

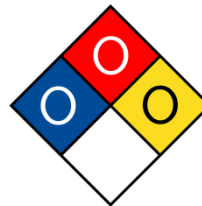
Hazard rating systems:

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.