



AQUAMAG® Magnesium Oxide Board

MATERIAL SAFETY DATA SHEET

MAGNESIA PANEL BUILDING MATERIALS TRADING LLC
Regd. Office: P.O Box : 126852, Prestige Tower-17, Suite 501, 5th Floor, Mohammed Bin Zayed City, Abu Dhabi, U.A.E.
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IDENTIFICATION OF THE SUBSTANCE, PREPARATION AND COMPANY UNDERTAKING

Product Name: AQUAMAG®

Generic Name: Magnesium Oxide Board

Company: Magnesia Panel Building Materials Trading L.L.C.

Address: P.O. Box 235495, Dubai, U.A.E.

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Section 01. Products Intended Uses

Exterior Wall Cladding, Interior Partitions and Lining, Suspended Ceiling, Wall Substrate, Wet Area Backer Board, Balcony Soffit, Fire Rated Door, Flooring and Staircase Decking, Acoustic Underlayment, Prefabricated Buildings, Vanity and Counter Tops, Portacabins, Bathroom Pods

Section 02. Composition

- Magnesium Minerals 74%
- Perlite 5.0%
- Wood dust 7.0%
- Binders 8.5%
- Reinforcement with fiber glass mesh layers
- Non woven fabric

Section 03. Hazards Identification

Health Effect: No

Environment Effect: No

Section 04. First Aid measures

Skin Contact: Wash and rinse with soap and water

Eye Contact: Wash and rinse the eye with water

Inhalation: Not applicable

Ingestion: Not applicable

Section 05. Fire Fighting Measures

Flash point: Not applicable

Auto-ignition: Not applicable

Non-flammable and non-explosive

Fire and Explosion Hazard: Aquamag board is neither flammable nor explosive

Extinguishing Media: This material is not combustible. Appropriate extinguishing media (carbon dioxide, foam, water, or dry chemical) for surrounding fire should be used.

Fire Fighting: Fire fighting personnel should wear normal protective equipment and positive self-contained breathing apparatus.



Section 06. Accidental Release Measures

There is no adverse effect on environment and leak. Material remains solid.

Section 07. Handling and Storage

Aquamag board in it's intact state does not present a health hazard. The controls below apply to dust generated from the boards by cutting, sawing, sanding or drilling. Keep exposure to dust as low as reasonably possible. Respirable levels should not exceed those specified by OSHA and MSHA and identified in this MSDS. Exposure to respirable (fine) dust depends on a variety of factors, including activity rate (cutting rate), method of handling, environmental conditions (weather conditions, workstation orientation) and control measures used. Wherever possible, practices likely to generate dust should be carried out in a well vented area (outside). The work practices and engineering controls set out in section 8 should be followed to reduce exposure. Avoid spilling and creating dust. Maintain appropriate dust controls during handling. Use appropriate respiratory protection during handling as described in Section 8.

Section 08. Exposure Controls and Personal Protection

Mandatory PPE (safety gloves, safety shoes, safety goggle, helmet) are required during handling and installation. In addition to the above, respiratory and hearing protection is required during cutting.

Section 09. Engineering Controls

▪ Cutting Outdoors

Position cutting station so that wind will blow dust away from operator or others in the working area. Use the following methods best suited for job site conditions.

Score and snap using carbide-tipped scoring knife or utility knife or Fiber Cement Shears.

Dust reducing circular saw equipped with cement-blade and HEPA vacuum extraction.

Dust reducing circular saw with cement-blade.

▪ Cutting Indoors

Cut only using score and snap method .

Position cutting station in a well-ventilated area to allow for dust dissipation.

When cutting, sawing, sanding or drilling it is necessary you should always wear a NIOSH-approved dust mask or respirator (e.g. N-95) and warn others in the area. Clean-up during clean-up of dust and debris, never dry sweep as it may suspend dust particles into the user's breathing area. Instead, wet debris down with a fine mist to suppress dust during sweeping, or use a HEPA vacuum to collect particles.

Section 10. Stability and Reactivity

Not applicable

Section 11. Toxicological Information

Non-toxic

Section 12. Ecological Information

Because Magnesium Oxide is a naturally occurring mineral, releases that may occur into the environment would not be expected to leave any hazardous material that could cause a significant adverse impact.



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Section 13. Disposal Consideration

There is no special consideration required, The product can be disposed as general waste.

Section 14. Transport Information

UN No.: None Allocated
Dangerous Goods Class: None Allocated
Hazchem Code: None Allocated
Poisons Schedule: None Allocated
Packing Group: Not Applicable
Label: Not a DOT hazardous material

Section 15. Regulatory Information

DOT Hazard Classification: None, not a hazardous material.
Placard requirement: Not a DOT hazardous material.
Listed Substance: No
Unlisted Substance: No
Reportable Quantity (RQ): None
Characteristics: Not Applicable
RCRA Waste Number: Not Applicable

Section 16. Other Information

Warning: avoid ingesting AQUAMAG board or inhaling its dust.

