

Safety Data Sheet (SDS)

SECTION 1: Identification

Product identifier	M4 & NOCOM®
Generic name	Chloride-free magnesium oxide board, chloride-free MgO board, Structural Cement Board
Recommended use	sheathing, subfloor, wall, roof decking per installation instructions
Restrictions	Use in accordance with manufacturer's instructions
Manufacturer	Multi-Panels, Inc.
Address	1631 Washington St, Holliston, MA 01746
Emergency Telephone*	+1 (617) 714-1266
Email	info@multi-panels.com
Website	www.multi-panels.com

*In Case of an emergency involving spills, leaks, fire exposure, or accidents related to these products call 911. After the proper authorities are notified to address immediate dangers, please contact us.

SECTION 2: Health Hazard Data

Emergency Overview:	Prolonged exposure to dust while cutting may irritate eyes, nose and throat. Cut and fabricate in ventilated areas with proper dust extraction and protection in place.
Routes of entry:	Skin: Dust Eyes: Dust and chip form Inhalation: Dust and chip form Digestions: Dust and chip form
Health Hazards (Acute & Chronic):	Skin: Fiberglass mesh may cause itching / irritation when cut Eyes: Dust and chip form – irritation / abrasion hazard Inhalation: Dust and chip form – no hazard Ingestion: No known hazard
Carcinogenicity:	Not classified as a carcinogen. No known toxicity effects.
Signs and Symptoms of Exposure:	Skin: Itching Eyes: Irritation Inhalation: Coughing Ingestion: None

Medical Conditions Generally

Aggravated by Exposure:

Asthma: Inhalation exposure of dust

Potential effect of single (Acute over exposure)

Eye: May cause abrasions of the cornea

Skin: May result in redness and dermatitis; prolonged exposure may cause dry skin.

Ingestion: Single dose oral toxicity is low.

Inhalation: Immediately remove victim to fresh air, seek competent medical attention immediately. If breathing has stopped call 911 and give artificial respiration. An authorized person should administer oxygen to victim who is having difficulty breathing until normal breathing has resumed.

Medical Conditions Generally Aggravated by Exposure: The condition of individuals with lung disease (e.g., bronchitis, emphysema, chronic obstructive pulmonary disease) can be aggravated by exposure.

SECTION 3: Composition / Information on Ingredients

Substance Name	UN #	CAS #	% by weight range
Magnesium Oxide	Not a hazardous material for shipping	1309-48-4	50 – 65%
Magnesium Sulfate	Not a hazardous material for shipping	7786-30-3	20 – 30%
Linking Composite	Not a hazardous material for shipping	N/A	< 15%
Perlite	Not a hazardous material for shipping	93763-70-3	< 10%
Cellulose	Not a hazardous material for shipping	9004-34-6	< 5%
Water	Not a hazardous material for shipping	7732-18-5	< 18%
Fiber Glass Mesh	Not a hazardous material for shipping	65997-17-3	< 10%

SECTION 4: First Aid Measures

Specialized First Aid and Medical Treatment are Required for All Exposures.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids. Seek immediate medical attention.

Ingestion: Give one or two glasses of water or milk and induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Inhalation: Move to fresh air. Get competent medical attention immediately. If breathing has stopped start artificial respiration and call 911 at once. An authorized person should administer oxygen to the victim who is having difficulty breathing until the victim is able to breathe easily on his/her own.

Notes to Physician: Treat symptomatically.

SECTION 5: Fire Fighting Measures

General Information: This material is not flammable, combustible or explosive

Extinguishing Media: Not applicable

SECTION 6: Accidental Release Measures

Spills / Leaks: Use dustless methods (vacuum) and place into closable container for disposal, or flush with water. Do not dry sweep.

Handling: Do not breathe dust. Use adequate ventilation and dust collection. Keep airborne dust concentrations below Permissible Exposure Limit (PEL). Do not rely on your sight to determine if dust is in the air.

Storage: Not applicable

SECTION 7: Handling & Storage

Handling: Do not breathe dust. Use adequate ventilation and dust collection. Keep airborne dust concentrations below Permissible Exposure Limit (PEL). Do not rely on your sight to determine if dust is in the air.

Storage: Not applicable

SECTION 8: Exposure Controls, Personal Protection Equipment

OSHA allowed exposure standards (PEL): Exposures shall not exceed 8 hours weighted average for mineral dusts – for more information as stated in 29 CFR 1910.1000 table Z-3.

Substance Name	TLV mg/m ³	PEL mg/m ³	Total Dust	Respirable
Magnesium Oxide	15 mg/m ³	15 mg/m ³	10 mg/m ³	15 mg/m ³
Magnesium Sulfate	15 mg/cm ³	15 mg/m ³	15 mg/m ³	15 mg/m ³
Cellulose	-	-	15 mg/m ³	5 mg/m ³
Others	10 mg/m ³	-	15 mg/m ³	5 mg/m ³
Perlite	15 mg/cm ³	15 mg/m ³	15 mg/m ³	5 mg/m ³
Binding agents and fiberglass mesh	10 mg/m ³	15 mg/m ³	15 mg/m ³	5 mg/m ³

Engineering Controls: Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limit.

Personal Protective Equipment.

Eyes: At a minimum wear safety goggles (plastic lenses) or full-face plastic shield when cutting material in compliance with ANSI standard Z87.1-1-1989. Do not wear contact lenses.

Skin: Wear appropriate protective clothing to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: You should always wear a NIOSH approved dust mask. This is recommended when sanding, cutting, drilling, cleaning up, etc. Always use approved vacuum extraction.

SECTION 9: Physical & Chemical Properties

Boiling Point	N/A
Vapor Pressure @ 20°C	None
Vapor Density @ 1 Atmosphere	None
Specific Gravity	>1
pH	11
Percent Volatile by Volume	0
Appearance	Light white powder
Odor	Slight cement odor
Evaporation Rate	N/A
Physical State	Solid Powder
Solubility	Insoluble in Water
Flash Point	N/A

SECTION 10: Stability and Reactivity

Chemical Stability : Stable under normal temperature and pressures
Conditions to Avoid : None
Hazardous Decomposition Products : None
Hazardous Polymerization : Will not occur

SECTION 11: Toxicological Information

This product is not toxic in its intact form. There are no special requirements for storage and transport. Failure to follow the SDS or Installation Specifications may lead to serious injury or even death

SECTION 12: Ecological Information

RCRA D Series: None Listed
 RCRA F Series: None Listed
 RCRA P Series: None Listed
 RCRA U Series: None Listed

HMIS & NFPA Information:
 Health: 1
 Flammability: 0
 Reactivity: 0
 SARA Corrosivity: 0

TSCA: None of the chemicals in this product are on the health and safety list.
 Chemical Test Rules: None of the chemicals in this product are under a chemical test rule.

SECTION 13: Disposal Considerations

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State / Provincial and local laws and regulations. Regulations may vary in

different locations. Waste characterizations and compliance with applicable laws are the sole responsibility of the waste generator. As your supplier, we have no control over the management or manufacturing processes of parties handling or using this material.

SECTION 14: Transport Information

This product is not a RCRA hazardous waste

SECTION 15: Regulatory Information

Clean Air Act

Reportable quantity (RQ):

None of the chemicals in this product have RQ amounts.

None of the chemicals in this product have a TPQ.

OSHA: This material does not contain any hazardous air pollutants. This material does not contain any class 1 zone depleters. This material does not contain any class 2 ozone depleters. None of the chemicals in this product are considered highly hazardous by OSHA.

SECTION 16: Other Information

Failure to follow the SDS and Instruction Manual may lead to serious injury or even death.

Date of Preparation or Last Revision: 4/1/2024

END OF DOCUMENT