

# Innovation MgO 1/2" Floor Panels

| SECTION 1.0 – IDENTIFICATION  |   |   |     |
|---|---|---|-----|
| <b>1.1 Product Identifier</b>   |   |   |     |
| Product Form  | Board/Panel   |   |     |
| Product Identifier  | Innovation MgO 1/2" Floor Panels  |   |     |
| <b>1.2 Product Use</b>  |   |   |     |
| Interior structural underlayment panels   |   |   |     |
| <b>1.3 Product Supplier</b>   |   |   |     |
| Distribution  | US MgO Company<br>13 Wright St.<br>Wilmington, NC 28401   | W: <a href="http://www.USMgO.co">www.USMgO.co</a><br>E: <a href="mailto:Info@USMgO.co">Info@USMgO.co</a><br>P: 1-855-MGO4YOU (646-4968) |     |
| <b>1.4 Emergency Contact</b>  |   |   |     |
| Contact your local emergency services.  |   |   |     |
| SECTION 2.0 – HAZARD(S) IDENTIFICATION  |   |   |     |
| <b>2.1 Mixture Classification</b>   |   |   |     |
| Carcinogen  | Not classified as carcinogen. No known toxicity effects.  |   |     |
| <b>2.2 Label Elements</b>   |   |   |     |
| Eyes  | Dust and chip form – irritation hazard.   |   |     |
| Inhalation  | Dust and chip form – irritation hazard.   |   |     |
| Skin  | Fiberglass mesh may cause itching/irritation when cut.  |   |     |
| Ingestion   | No known hazard.  |   |     |
| Carcinogen  | Not classified as carcinogen. No known toxicity effects.  |   |     |
| Emergency Overview  | Prolonged exposure to dust whilst cutting may be irritating to eyes, nose, and throat. Score and snap generates less dust.  |   |     |
| <b>2.3 Other Hazards</b>  |   |   |     |
| No data available.  |   |   |     |
| <b>2.4 Unknown Acute Toxicity (GHS-US)</b>  |   |   |     |
| No data available.  |   |   |     |
| SECTION 3.0 – COMPOSITION/INFORMATION ON INGREDIENTS                                    |   |   |     |
| <b>3.1 Substance</b>  |   |   |     |
| Not applicable.   |   |   |     |
| <b>3.2 Mixture</b>  |   |   |     |
| Chemical Name   | %   | Chemical Name   | %   |
| Magnesium Oxide (MgO)   | 42-61.5   | Recycled Filtered Wood Shavings   | 2-7 |
| Magnesium Chloride (MgCl <sub>2</sub> )   | 35-56   | Phosphate (PO <sub>4</sub> )  | 1-3 |
| Perlite   | 1-6   | Fiberglass Mesh   | 1-3 |
| SECTION 4.0 – FIRST AID MEASURES  |   |   |     |
| <b>4.1 Description of First-Aid Measures</b>  |   |   |     |
| First-aid measures after inhalation   | Move to fresh air environment. Contact physician if irritation persists.  |   |     |
| First-aid measures after skin contact   | Wash with soap and water.   |   |     |
| First-aid measures after eye contact  | Check for and remove any contact lenses. Immediately flush eyes with clean water. Contact physician if irritation persists. |   |     |
| First-aid measures after ingestion  | Rinse mouth and seek medical attention if symptoms occur.   |   |     |
| <b>4.2 Most Important Symptoms and Effects, Both Acute and Delayed</b>                  |   |   |     |
| Medical Conditions Generally Aggravated by  |   |   |     |
| Exposure  | Asthma: Inhalations of dust.  |   |     |
| <b>4.3 Indication of Any Immediate Medical Attention and Special Treatment Required</b> |   |   |     |
| No additional information available.  |   |   |     |

### SECTION 5.0 FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing Media

Extinguishable Media | Product does not ignite. Use fire extinguishing media appropriate for surrounding materials.

#### 5.2 Special Hazards Arising from the Substance or Mixture

Special Fire Fighting Procedures | Local surfaces may be cooled with water, but product will not be hot to the touch even after intense heat exposure.

#### Section 5.3 Advice for Firefighters

Panel is non-flammable and non-combustible.

### SECTION 6.0 – ACCIDENTAL RELEASE MEASURES

#### 6.1.1 For Non-Emergency Personnel

See Section 8 of the SDS for Personal Protective Equipment.

#### 6.1.2 For Emergency Responders

See Section 8 of the SDS for Personal Protective Equipment.

#### 6.2 Environmental Precautions

No specific clean-up procedure noted.

#### 6.3 Methods and Material for Containment and Cleaning Up

Dust and chips may be swept, scooped, and/or vacuumed for removal.

#### 6.4 Reference to Other Sections

No additional references.

### SECTION 7.0 – HANDLING AND STORAGE

#### 7.1 Precautions and Safe Handling

Use work methods that minimize the creation of dust. Try to avoid the inhalation of dust wherever possible. Wear appropriate personal protective equipment. Wash hands after use. Observe good industrial hygiene practices. Ensure that forklift or similar equipment is rated as capable of lifting and moving loads. Forks should extend completely under the entire load. Forks should be extended as wide as practical. Panels are heavy, awkward loads and pose the risk of severe back injury. Always use proper lifting techniques.

#### 7.2 Conditions of Safe Storage, Including any Incompatibilities

Panel should be stored in a cool dry environment and should remain in the manufacturer's packaging bearing the brand name and manufacturer's logo and Listing Number until ready for use. Panel should be stored on the manufacturer's pallets off the ground and away from standing water. Cover with a waterproof material when stored outdoors or on site to protect against weather, direct sunlight, surface contamination and construction traffic.

#### 7.3 Specific End Use(s)

No additional information available.

### SECTION 8.0 – EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Exposure Limits

Occupational Exposure Limits US OSHA Table Z-1 Limits for Air Contaminants

| Components      | CAS #       | OSHA PEL Value                              | Form                              |
|-----------------|-------------|---|-----------------------------------|
| Magnesium Oxide | 1309-48-4   | 15 mg/m <sup>3</sup>                        | Nuisance particulate              |
| Perlite         | 130885-09-5 | 5 mg/m <sup>3</sup>                         | Nuisance dust                     |
| Fiberglass mesh | 65997-17-3  | 15 mg/m <sup>3</sup><br>5 mg/m <sup>3</sup> | Total dust<br>Respirable fraction |

US ACGIH Threshold Limit Values

| Components      | CAS #       | ACGIH-TLV Value               | Form                           |
|-----------------|-------------|-------------------------------|--------------------------------|
| Magnesium Oxide | 1309-48-4   | 10 mg/m <sup>3</sup>          | Nuisance particulate           |
| Perlite         | 130885-09-5 | 10 mg/m <sup>3</sup>          | Nuisance dust                  |
| Fiberglass mesh | 65997-17-3  | 5 mg/m <sup>3</sup><br>1 f/cc | Inhalable<br>Respirable fibers |

### SECTION 9.0 – PHYSICAL/CHEMICAL CHARACTERISTICS

#### 9.1 Information and Basic Physical and Chemical Properties

Appearance | Solid sheet material

|  |                 |
|--|-----------------|
| Physical State                               | Solid           |
| Form   | Board/Panel     |
| Color  | White/Off-White |
| Odor   | None            |
| Odor Threshold                               | Non applicable  |
| pH   | Non-Soluble     |
| Melting Point/Freezing Point                 | Not applicable  |
| Initial Boiling Point and Boiling Range      | Not applicable  |
| Flash Point                                  | Not applicable  |
| Evaporation Rate                             | Not applicable  |
| Flammability (solid, gas)                    | Not applicable  |
| Upper/Lower Flammability or Explosive Limits | Not applicable  |
| Flammability Limit – Lower (%)               | Not applicable  |
| Flammability Limit – Upper (%)               | Not applicable  |
| Explosive Limit – Lower (%)                  | Not applicable  |
| Explosive Limit – Upper (%)                  | Not applicable  |
| Vapor Pressure                               | Not applicable  |
| Vapor Density                                | Not applicable  |
| Density                                      | 2-3 lb/ft       |
| Solubility (Water)                           | Non-soluble     |
| Partition Coefficient (n-octanol/water)      | Not applicable  |
| Auto-Ignition Temperature                    | Not applicable  |
| Decomposition Temperature                    | Unknown         |
| Viscosity                                    | Not applicable  |
| Bulk Density                                 | 2-3 lb/ft       |
| Particle Size                                | Varies          |
| VOC (Weight %)                               | 0%              |

**Section 9.2 Other Information**

None

**SECTION 10.0 – STABILITY AND REACTIVITY**

**10.1 Reactivity**

No information available.

**10.2 Chemical Stability**

Material is stable under normal conditions.

**10.3 Possibility of Hazardous Reactions**

Hazardous polymerization does not occur.

**10.4 Conditions to Avoid**

No known conditions.

**10.5 Incompatible Materials**

No known substances.

**10.6 Hazardous Decomposition Products**

No known conditions.

**SECTION 11.0 – TOXICOLOGICAL INFORMATION**

**11.1 Information on Toxicological Effects**

|  |   |
|--|---|
| Acute Toxicity   | Non-Hazardous.  |
| Symptoms Related to the Physical, Chemical and Toxicological Characteristics | Under normal conditions of intended use, this material does not pose a risk to health.  |
| <b>Information on Likely Routes of Exposure</b>                              |   |
| Ingestion  | Not likely due to form of product.  |
| Inhalation   | Mechanical sawing may generate dust. Dust has an irritant action on mucous membranes of the upper respiratory tract and eyes. |

|              |  |
|--------------|--|
| Skin Contact | Under normal conditions of intended use, this material does not pose a skin hazard.  |
| Eye Contact  | Mechanical sawing may generate dust. Direct contact with eyes may cause temporary irritation. Under normal conditions of intended use, this material does not pose a risk to health. |

**SECTION 12.0 – ECOLOGICAL INFORMATION**

|   |
|---|
| <b>12.1 Toxicity</b>  |
| Components are not classified as environmentally hazardous. |
| <b>12.2 Persistence and Degradability</b>                   |
| Not applicable.   |
| <b>12.3 Bioaccumulative Potential</b>                       |
| Not applicable.   |
| <b>12.4 Mobility in Soil</b>                                |
| Not applicable.   |
| <b>12.5 Other Adverse Effects</b>                           |
| No known effects.   |

**SECTION 13.0 – DISPOSAL CONSIDERATIONS**

|                                      |  |
|--------------------------------------|--|
| <b>13.1 Waste Treatment Methods</b>  |  |
| Disposal Instructions                | Dispose of in accordance with applicable federal, state, and local regulations. Recycle responsibly. |
| Local Disposal Regulations           | Dispose of in accordance with local regulations. Recycle responsibly.                                |
| Hazardous Waste Code                 | Not applicable.  |
| Waste from Residues/ Unused Products | Dispose of in accordance with local regulations. Recycle responsibly.                                |
| Contaminated packing                 | Dispose of in accordance with local regulations. Recycle responsibly.                                |

**SECTION 14.0 – TRANSPORT INFORMATION**

|  |   |
|--|---|
| DOT  | Not regulated as dangerous goods. Non-hazardous.                                      |
| IATA   | Not regulated as dangerous goods. Non-hazardous.                                      |
| IMDG   | Not regulated as dangerous goods. Non-hazardous.                                      |
| Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code | Not applicable. Product is solid, therefore bulk transport is governed by IMSBC Code. |

**SECTION 15.0 - REGULATORY INFORMATION**

|  |   |
|--|---|
| DOT  | Not regulated as dangerous goods. Non-hazardous.                                      |
| IATA   | Not regulated as dangerous goods. Non-hazardous.                                      |
| IMDG   | Not regulated as dangerous goods. Non-hazardous.                                      |
| Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code | Not applicable. Product is solid, therefore bulk transport is governed by IMSBC Code. |

**SECTION 16.0 – OTHER INFORMATION**

This material is categorized as non-hazardous for transportation purposes. The information contained herein is accurate to the best of all available knowledge at the time of printing. Hazardous conditions due to alterations of the material have not been established. The information contained in the Safety Data Sheet is furnished in good faith and without warranty, representations, or inducement of license of any kind, except that it is accurate to the best of US MgO Company's knowledge or was obtained from sources believed by US MgO Company to be reliable. The accuracy, adequacy, or completeness of health and safety precautions set forth herein cannot be guaranteed, and the buyer is solely responsible for ensuring that the product is used, handled, stored, and disposed of safely and in compliance with applicable local laws and regulations. US MgO Company disclaims any liability for loss, damage, or personal injury that arises from, or is in any way related to the use of the information contained in this Safety Data Sheet.

This SDS contains all the information required by ANSI Z400.1 standard (United States), by regulation 29 CFR Part 1910-1200 of the Hazard Communication Standard of OSHA and is in accordance with DORS/88-66 of WHMIS (Canada). To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.