

| COSHH Data Sheet      Magply MgO Sulphate Board  |            |            |         |        |       |           |           |     |           |           |      |           |           |             |            |           |          |           |           |
|--|------------|------------|---------|--------|-------|-----------|-----------|-----|-----------|-----------|------|-----------|-----------|-------------|------------|-----------|----------|-----------|-----------|
| <p><b>1. Identification of Substance and Company</b></p> <p><u>Substance</u><br/>Magply® Magnesium Oxide Board</p> <p><u>Manufacturer:</u><br/>IPP Ltd<br/>Bradwell Hall<br/>Bradwell on Sea<br/>Essex CM0 7HX<br/>Tel: 0044 (0)1621 776252, Fax: 0044 (0)1621 776688</p>  |            |            |         |        |       |           |           |     |           |           |      |           |           |             |            |           |          |           |           |
| <p><b>2. Hazards Identification</b></p> <p>This product is not classified as hazardous</p> <p><u>Special hazards for individuals and environment</u><br/>None</p>  |            |            |         |        |       |           |           |     |           |           |      |           |           |             |            |           |          |           |           |
| <p><b>3. Composition /Information on Ingredients</b></p> <table border="1"> <thead> <tr> <th>Ingredient</th> <th>CAS nr.</th> <th>EC nr.</th> </tr> </thead> <tbody> <tr> <td>MgSo4</td> <td>7487-88-9</td> <td>231-298-2</td> </tr> <tr> <td>MgO</td> <td>1309-48-4</td> <td>215-171-9</td> </tr> <tr> <td>SiO2</td> <td>7631-86-9</td> <td>231-545-4</td> </tr> <tr> <td>Glass Scrim</td> <td>65597-17-3</td> <td>266-046-0</td> </tr> <tr> <td>PP Scrim</td> <td>9003-07-0</td> <td>618-352-4</td> </tr> </tbody> </table> <p><u>Hazardous Ingredients</u><br/>None</p> <p><u>Additional Information</u><br/>None</p> |            | Ingredient | CAS nr. | EC nr. | MgSo4 | 7487-88-9 | 231-298-2 | MgO | 1309-48-4 | 215-171-9 | SiO2 | 7631-86-9 | 231-545-4 | Glass Scrim | 65597-17-3 | 266-046-0 | PP Scrim | 9003-07-0 | 618-352-4 |
| Ingredient   | CAS nr.    | EC nr.     |         |        |       |           |           |     |           |           |      |           |           |             |            |           |          |           |           |
| MgSo4  | 7487-88-9  | 231-298-2  |         |        |       |           |           |     |           |           |      |           |           |             |            |           |          |           |           |
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| PP Scrim   | 9003-07-0  | 618-352-4  |         |        |       |           |           |     |           |           |      |           |           |             |            |           |          |           |           |
| <p><b>4. First Aid Measures</b></p> <p>No special measures required.</p>   |            |            |         |        |       |           |           |     |           |           |      |           |           |             |            |           |          |           |           |
| <p><b>5. Fire Fighting Measures</b></p> <p><u>Non combustible</u><br/>All extinguishers are suitable media, observing normal fire-fighting practices.</p> <p><u>Unsuitable fire extinguishing media</u><br/>None</p> <p><u>Substance hazards, hazardous combustion products or resultant gases</u><br/>None</p> <p><u>Protective clothing when extinguishing fire</u><br/>None</p> <p><u>Additional information</u><br/>None</p>   |            |            |         |        |       |           |           |     |           |           |      |           |           |             |            |           |          |           |           |

## 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

No special procedures need to be followed

Environmental precautions

No special precautions need to be made

Methods and material for containment and cleaning up

No special procedures need to be followed

## 7. Handling and Storage

Precautions for safe handling

Use correct manual handling techniques. Boards should be handled/carried by two persons at all times. Wash hands after handling

Conditions for safe storage, including any incompatibilities

Store in dry conditions

Specific end use(s)

Structural Racking & Fire Protection Board, Fire Protection for roofs, walls, ceilings and floors, Soffit Lining, Compartment/Party Wall Sheathing, Rainscreen Cladding, Render Carrier Board.

## 8. Exposure Controls / Personal Protection

Occupational Exposure Controls

Ensure vacuum dust exhaust with correct filter when using motorised machining tools.

Individual Protection Measures

Avoid breathing dust, avoid eye and skin contact and wear personal protective equipment appropriate to the task; see below:

Personal Protective Equipment

Eyes: Use safety glasses whenever tools are used and dust is produced.

Skin/hands: Use working clothes and gloves to protect against mechanical injury and direct skin contact.

Respiratory: Use appropriate individual respiratory equipment when exposures are likely or can be foreseen to exceed the Occupational Exposure Limits (e.g. for exposures up to 10 times the OEL use at least a P2 type dust mask. For higher exposure, use a P3 type mask.)

## 9. Physical and Chemical Properties

Information on basic Physical and Chemical Properties

|   |                                  |
|---|----------------------------------|
| a) Appearance                                   | Off White Solid Flat Sheet Board |
| b) Odour  | Odourless                        |
| c) Odour threshold                              | N/A                              |
| d) Melting point                                | >1500°C                          |
| e) Initial boiling point and boiling range      | N/A                              |
| f) Flash point                                  | Incombustible                    |
| g) Evaporation rate                             | N/A                              |
| h) Flammability (solid, gas)                    | Incombustible                    |
| i) Upper/lower flammability or explosive limits | N/A                              |
| j) Vapour pressure                              | N/A                              |
| k) Vapour Density                               | N/A                              |
| l) Relative Density                             | 1100 kg/m <sup>3</sup>           |
| m) Solubility                                   | Insoluble in water               |

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|   |        |
|---|--------|
| o) Partition coefficient: n-octanol/water | N/A    |
| p) Auto-ignition temperature              | N/A    |
| q) Decomposition temperature              | 1500°C |
| r) Viscosity                              | N/A    |
| s) Explosive properties                   | N/A    |
| t) Oxidising properties                   | N/A    |

### 10. Stability and Reactivity

Special physical conditions to be avoided

None

Incompatible Materials

Not known

Hazardous Decomposition Products

None

### 11. Toxicological Effects

No known toxicological effects. Repeated or prolonged exposure to this compound is not known to aggravate medical conditions.

### 12. Ecological Information

Product with no known adverse environmental effects.

### 13. Disposal Considerations

Product

Dispose of in accordance with waste management regulations. Magply magnesium oxide boards are fully recyclable.

WASTE CODE: 17-09-04

Packaging

Observe local waste management regulations

### 14. Transport Information

Not classified as hazardous for transport according to national and international transport regulations.

### 15. Regulatory Information

Designation under EEC Directives

Magply magnesium oxide boards are not classified as hazardous under the EEC directive 67/548 for the classification, packaging and labelling of hazardous substances (as amended by EEC directive 93/21).

National Regulations

Magply magnesium oxide boards are not classified as a notifiable material under the Ordinance on Hazardous Material.

The product is not considered as hazardous waste material according to the Waste Disposal Regulations.



**16. Other Information**

None

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