



Material Safety Data Sheet

Magply MgO Sulphate Board

1. Identification of the Substance/mixture and of the Company undertaking

1.1 Product Identify

Magply® Magnesium Oxide Board

1.2 Relevant Identified Uses of the Substance or Mixture and uses advised against

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

1.3 Details of the supplier of the safety data sheet

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1.4 0044 (0) 1621 776252

2. Hazards Identification

2.1 Classification of the substance or mixture

This product is not classified as hazardous
Hazard statements and R-phrases: Not applicable

2.2 Label Elements

2.3 Other Hazards

3. Composition /Information on Ingredients

3.1 Substances

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

4. First Aid Measures

4.1 Description of first aid measures

No special measures required with respect to Magply

4.2 Most important symptoms and effects, both acute and delayed

N/A



4.3 Indication of any immediate medical attention and special treatment needed.

N/A

5. Fire Fighting Measures

5.1 Extinguishing Media

A1 Non-combustible. All extinguishers are suitable media, observing normal fire-fighting practices.

5.2 Special hazards arising from the substance or mixture

N/A

5.3 Advice for firefighter

Unsuitable fire extinguishing media: None

Substance hazards, hazardous combustion products or resultant gases: None

Protective clothing when extinguishing fire: None

Additional information: None

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

No special procedures need to be followed

6.2 Environmental precautions

No special precautions need to be made

6.3 Methods and material for containment and cleaning up

No special procedures need to be followed

6.4 Reference to other sections

N/A

7. Handling and Storage

7.1 Precautions for safe handling

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

7.2 Conditions for safe storage, including any incompatibilities

Store in dry conditions

7.3 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

8.1 Control Parameters

8.2 Exposure Controls

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

Eye/face protection: Use safety glasses whenever tools are used and dust is produced.

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

Respiratory protection: 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

9.1 Information on basic Physical and Chemical Properties

a) Appearance	Off White Solid
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 ³
m) Solubility	Insoluble in water
n) Partition coefficient: n-octanol/water	N/A
o) Auto-ignition temperature	N/A
p) Decomposition temperature	1500°C
q) Viscosity	N/A
r) Explosive properties	N/A
s) Oxidising properties	N/A



9.2 Other Information

10. Stability and Reactivity

10.1. Reactivity

Magply as a mixture is not known to react with any known elements

10.2. Chemical Stability

Magply is stable under normal ambient conditions and under any envisaged or anticipated storage/handling conditions

10.3. Possibility of hazardous reactions

N/A

10.4. Conditions to avoid

None

10.5. Incompatible materials

None

10.6. Hazardous Decomposition Products

None

11. Toxicological Information

11.1. Information on 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

13.1 Waste Treatment Methods

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.

Land transport ADR/RID and GGVS/GGVE (cross-border/national): ADR/RID-GGCS/E class:	Product is not hazardous in terms of the transport regulations
Sea Transport IMDG/GGVSee: IMDG/GGVSee: Marine Pollutant:	Product is not hazardous in terms of the transport regulations No
Air Transport ICAO-TI and IATA-DGR: ICAO/IATA Class Transport/further information	Product is not hazardous in terms of the transport regulations No

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Designation under EEC Directives

Magply magnesium oxide boards are not classified as hazardous under Regulation (EC) No 1272/2008 for the classification, packaging and labelling of hazardous substances.

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

This document has been compiled in accordance with Regulation (EC) No 1907/2006

Liability

The information given is correct to the best of our knowledge at the time of publication but without guarantee of accuracy. We do not accept any responsibility for damage and claims arising from handling, transport, storage or disposal of the product. This safety data sheet applies only to the product named above supplied by IPP. If the product is used as part of other products, information given in the safety data sheet may be invalidated.

No warranty is hereby expressed or implied.