

**Product Safety & Handling
Information**


Rendaboard®

Board products supplied by Euroform are considered to be inert articles and as such are exempt from requirements under the REACH Regulation EC 1907/2006 to provide a Safety Data Sheet

1. Identification of the product and of the company / undertaking

1.1 Product Identifier

Product Name Rendaboard®
 Generic name Magnesium Oxide based construction board

1.2 Relevant identified uses (and uses advised against)

Identified Uses Moisture resistant fire rated cladding and lining, partitions, duct and tunnel linings - for further information refer to Product/Technical Data Sheet
 Advised against Unsupported flooring or where exposed to strong acids or oxidising agents

1.3 Details of the supplier of the Safety Data Sheet

Supplier Euroform Products
 Address Unit 2 Lyncastle Road, Appleton, Warrington WA4 4SN
 Telephone +44 (0) 1925 860999
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 email sales@euroform.co.uk
 Web www.euroform.co.uk

1.4 Emergency telephone number

+44 (0) 1925 860999 office hours (08:30 – 17:00 Mon-Fri)

2. Hazards Identification

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

Item is considered an inert article and therefore excluded from classification

2.1.3 Additional Information

Manufactured article of Magnesium and other refractory products


2.2 Label elements

No labelling obligation for this article under EU regulation

2.3 Other Hazards

Dry working (drilling, sanding, cutting) can release dusts unless controlled – see Section 8

3. Composition/information on ingredients

Substance name	CAS No.	EC No. / REACH Registration No	% w/w	Classification EC 1272/2008	Hazard Pictogram
Non-classified ingredients*	-	-	<99	Not Classified	None
Iron Sulfate	7720-78-7	231-753-5 01-2119513203-57-XXXX	<10	Acute Tox. 4 – H302, Skin Irrit 2 – H315 Eye Irrit 2 – H319	
Cellulose	9004-34-6	232-674-9 Not assigned in supply chain	<10	Not Classified	None
Calcium Carbonate	471-34-1	207-439-9 01-2119486795-18-XXXX	<10	Not Classified	None
Iron Oxide	1345-25-1	215-721-8 01-2119638146-39-XXXX	<1	Not Classified	None

NOTE: *Magnesium Oxide (Cement) is present in its hydrated form as a finished article.

Recipients of WBS products must take responsibility for existing laws and regulations and at all times operate within the Health and Safety guidance on the use of these products.

This is a direct copy of the manufacturers Safety Data Sheet, and Wetherby Building Systems Ltd takes no responsibility for the contents.

4. First aid measures

4.1 Description of first aid measures

general	Dust exposure symptoms
inhalation	If coughing, discomfort or obstruction occurs due to inhalation of dust seek medical advice
skin contact	Wipe material from skin. Wash off with soap and plenty of water
eye contact	Immediately flush with plenty of water. After initial flushing, remove contact lenses where present and continue flushing for at least 15 minutes. If eye irritation persist consult a specialist
ingestion	Wash out mouth with water, do not induce vomiting
protection	No special measures identified

4.2 Most important symptoms and effects, both acute and delayed

general	Product is considered relatively benign
inhalation	Irritation of the airway from fine particles generated by mechanical working of the article
skin contact	Prolonged contact by exposed skin may show mild irritation at site of contact
eye contact	May be irritation and redness
ingestion	May be irritation of the throat

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. Fire fighting measures

5.1 Extinguishing media

Suitable	As appropriate for the local circumstances and surrounding environment
Unsuitable	No specific information available

5.2 Special hazards

No hazardous combustion products anticipated

5.3 Advice for fire fighters

Wear self-contained breathing apparatus

6. Accidental Release Measures

6.1 Personal Precautions

6.1.1 For non-emergency Personnel

Wear abrasion resistant gloves.

6.1.2 For emergency responders

Wear abrasion resistant gloves.

6.2 Environmental Precautions

Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Small pieces should be collected and disposed of to an identified receptacle.

Dusts should be removed using a high efficiency (HEPA) filter vacuum OR the area should be wetted with fine water spray before sweeping.

6.4 Reference to other sections

For personal protection see section 8.

7. Handling & Storage

7.1 Precautions for safe handling

Wash hands thoroughly at the end of work and before breaks.

Do not smoke, eat or drink when handling boards.

High speed cutting tools should be avoided unless emission (dust) extraction is in place.

Individual loose boards should be carried vertically.

Allow material to acclimatise to ambient working conditions for 24 – 48 hours prior to fixing.

Refer to Technical Data Sheet for machining methods.

7.2 Conditions for safe storage, including any incompatibilities

Store flat in a dry well ventilated area.

Support load at 800 mm centres.

Do not store upright or on edge.

7.3 Specific end use(s)

Magnesium Oxide Board for construction use as liner or cladding elements.

8. Exposure controls / personal protection

8.1 Control parameters for workplace





Component: as listed in EH40	Identifier (CAS #)	State	LTEL 8h TWA (mg/m3)	LTEL 8h TWA (ppm)	STEL 15m (mg/m3)	STEL 15m (ppm)
General Dusts	*	Inhalable	10	*	*	*
General Dusts	*	Respirable	4	*	*	*
Cellulose	9004-34-6	Inhalable	10	*	20	*
Cellulose	9004-34-6	Respirable	4	*	*	*
Calcium Carbonate	471-34-1	Inhalable	10	*	*	*
Calcium Carbonate	471-34-1	Respirable	4	*	*	*
Iron Oxide, fume (as Fe)	1345-25-1	Respirable	5	*	10	*

8.2 Exposure controls

Engineering Controls

Dry working of the material (cutting, drilling, sawing, sanding) has the potential to generate fine dust particles - adequate ventilation should be sufficient to control worker exposure to airborne contaminants. Apply positive ventilation in confined spaces if dust becomes evident. Use on tool high efficiency particulate (HEPA) extraction where possible.

Personal Protective Equipment

- Eye  Safety glasses or goggles EN 166 when a risk assessment indicates this to be necessary
- Hand  Gloves EN 374 – suitable for tooling or other materials being used
- Skin and body  Long sleeved work clothing, long trousers or disposable coverall
- RPE  Dust mask FFP3

Environmental Controls

Wet down area before sweeping.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Solid
Colour	White/White Grey
Relative density	1.05
Other properties	No data available

9.2 Other information

No data available

10. Stability & Reactivity

10.1 Reactivity

None under foreseeable anticipated conditions of use

10.2 Chemical Stability

The product is chemically inert

10.3 Possibility of hazardous reactions

None under foreseeable anticipated conditions of use

10.4 Conditions to avoid

Highly acidic conditions.

10.5 Incompatible materials

Strong acids.

10.6 Hazardous decomposition products

Small quantities of Carbon Monoxide and Carbon Dioxide may be generated if the product is exposed to fire.

11. Toxicological information

Component	Route	Species	Test	Exposure	Value	Unit
Not Classified	*	*	*	*	*	*

12. Ecological information

12.1 Toxicity

Component	Toxicity to:	Test	Exposure	Value	Unit
Not Classified	*	*	*	*	*

12.2 Persistence and degradability

Inert, not degradable

12.3 Bioaccumulative potential

No indication of bio-accumulation potential

12.4 Mobility in soil

No indication of mobility in soil

12.5 Results of PBT and vPvB assessment

This article does not meet the PBT/vPvB criteria of REACH annex XIII

12.6 Other adverse effects

No data available

13. Disposal considerations

13.1 Waste treatment methods

13.1.1 Product / packaging disposal

The product is considered non-hazardous but must be disposed of in accordance with national / local regulations

13.1.2 Waste treatment – relevant information

The product is considered non-hazardous but must be disposed of in accordance with national / local regulations

13.1.3 Sewage disposal – relevant information

Avoid entry in to sewers and watercourses

13.1.4 Other disposal recommendations

European Waste Code 17 01 07 mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 MN (Mirror Non-Hazardous)

14. Transport information

UN No. Not classified for transport

15. Regulatory information

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

REACH candidate SVHC list None of the substances are listed

REACH Annex XIV - authorisation None of the substances are listed

REACH Annex XVII – restriction None of the substances are listed

15.2 Chemical Safety Assessment

No Chemical Safety Assessment is required for this article

16. Other information

Pictogram(s) No pictograms listed requiring explanation

Hazards No statements listed requiring explanation

Precautions No statements listed requiring explanation

Previous version Version 4 dated 18th January 2016
Changes to previous version WITHDRAWAL of Material Safety Data Sheet issued under previous directives and regulations

The information provided within this document is believed correct and to the best of our available knowledge as at its revision date. The information given should only be used as guidance for safe handling, use, processing, storage, transportation and disposal and should not be considered as obligation in respect of warranty of (technical) performance, quality (specification) or suitability for any particular application.