



SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

SECTION 1 : PRODUCT IDENTIFICATION AND COMPANY

1.1. Product identifier

Product name : PRB RENDER BOARD

Product code : PRB BOARD 2.4

1.2. Relevant identified uses of the substance or mixture and uses advised against

N/A

1.3. Details of the supplier of the safety data sheet

Registered company name : PRB SYSTEMS LTD.

Address : MONTIS COURT, BOUNCERS LANE, CHELTENHAM. GL52 5JW.

Telephone : 01242 524228

info@prbsystems.co.uk

UK Importer: PRB SYSTEMS Ltd

Montis Court, Bouncers Lane, Cheltenham, GL52 5JG

www.prbsystems.co.uk

Contact 01242 524228

1.4. Emergency telephone number : +44 (0)7891 460532

Association/Organisation : PRB SYSTEMS LTD.

Other emergency numbers : +44 (0)7891 460532

UK 24 Hour Emergency Telephone Number : N/A

Association/Organisation : N/A

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Product Classification

In compliance with EC regulation No. 1272/2008 and its amendments.

Product is not classified as hazardous for humans and environment.

2.2. Other hazards

In compliance with EC regulation No. 1272/2008 and its amendments.

Cutting and sanding process may generate powder and potential respiratory tract and eye irritation.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Other hazards

PRB RENDERBOARD board is made of Portland cement, inorganic fillers and it is reinforced with glass fiber. Diameter of the fiber is between 10-30 micron and therefore there is no hazard for human health.

No radioactive components.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

4.1. description of first aid measures

No special measures are required.

4.2. In the event of contact with eyes

Wash with flowing water for some minutes, keeping eyes well open. If irritation persists, seek medical attention. In the event of an allergic reaction, seek medical attention.

4.3. In the event of contact with skin

PRB RENDER BOARD is not irritating to the skin. If an irritation occurs, wash first with water and then with soap and water. If irritation persists, seek medical attention. In the event of an allergic reaction, seek medical attention. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

4.4. In the event of inhalation

PRB RENDER BOARD should be cut with a cutter with dust extraction equipment fitted, creating limited dust. In cases where dust extraction is not used, go to the open air, in cases of high concentration of dust/powder go to the open air. If an irritation occurs or the trouble endures seek medical attention and refer to a doctor.

4.5. Ingestion

Clean the oral cavity. In case of illness refer to a doctor.

SECTION 5 : FIREFIGHTING MEASURES

The substance itself is not flammable. Other surrounding packaging materials could be flammable. Adapt the fire fighting measures depending on the fire risk of the surrounding combustible material.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

The product is in a solid format, in case of dust use individual face protection devices and suitable personal protective equipment.

6.2. Environmental precautions

Prevent any material from entering drains or waterways.

6.3. Methods and material for cleaning and recycling systems

Use mechanical vacuum cleaner for collecting up the dust. Dispose safely into suitable waste containers according to local rules.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the product is handled.

Individuals with a history of skin sensitisation should wear suitable protective clothing.

7.1. Precautions for safe handling

Avoid the producing of powder. In cases of dust being produced, vacuum-cleaning should be carried out. Always wash hands after handling. Proper ventilation is necessary where dust is generated.

7.2. Warehousing conditions, conditions for safe storage

Store in covered area with undamaged packaging. If possible, on racking.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

Glass fibres used in the PRB RENDER BOARD are not dangerous because they are not inhalable.

8.1. Exposure limits

Do not breath the powder. Never eat, drink or smoke during use. It is recommended to use skin protection cream.

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas areas.

8.2. Individual protection equipment

Breathing protection:

Avoid inhaling dust. In the case of creation of powder or dust, use a suitable respiratory mask type P1 in accordance with standard EN149/A1.

Eye protection:

If necessary, use safety glasses with side protection.

Before handling powders or dust emission, wear mask goggles in accordance with standard EN166.

Prescription glasses are not considered as protection.

Provide eyewash stations in facilities where the product is handled constantly.

Skin protection:

Use protective rubber gloves and overalls following EU Norm 89/89/CEE and EN374.

Gloves must be selected according to the application, suitability and duration of use at the workstation.

Wear suitable protective clothing.

These clothes shall be chosen to ensure there is no inflammation or irritation of the skin at the neck and wrist by contact with the powder

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

8.3. Specific hygiene measures

Verify values to be applied according to local requirements or European requirement.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties Physical state

Physical state :	Solid.
Colour	
Colour :	Grey.
Odour	
Odour threshold :	Odourless.
Melting point	
Melting point/melting range :	1400°C.
Boiling point	
Freezing point / Freezing range :	Not applicable.
Boiling point or initial boiling point and boiling range	
Boiling point/boiling range :	Not applicable.
Flammability	
Flammability (solid, gas) :	Non-combustible.
Lower and upper explosion limit	
Explosive properties, lower explosivity limit (%) :	Not applicable.
Explosive properties, upper explosivity limit (%) :	Not applicable.
Flash point	
Flash point interval :	Not applicable.
Auto-ignition temperature	
Self-ignition temperature :	Not applicable.
Decomposition temperature	
Decomposition point/decomposition range :	Not specified.

pH

pH :	Not applicable.
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Vapour pressure

Partition coefficient: n-octanol/water :	Not applicable.
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Density and/or relative density

Apparent density :	816-1104kg/m ³ .
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Relative vapour density

Solubility :	Non soluble (insoluble).
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SECTION 10 : STABILITY AND REACTIVITY**10.1. Reactivity**

No dangerous reactions are known if stored and handled as prescribed.

10.2. Chemical stability

Not applicable.

10.3. Possibility of hazardous reactions

No data available.

10.4. Hazardous decomposition products

Material is stable and it will not decay under normal use.

SECTION 11 : TOXICOLOGICAL INFORMATION**11.1. General information**

From current knowledge and experience, there is no contra-indication of use.

11.1.1. Delayed possible effects :

Following our present knowledge, the product is not dangerous for human health if properly used and following norms. This product does not require to be classified following the last version of ECC list.

Inert material and stable. At the present state of experiences, negative effects on the environment are not foreseen or expected.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not dispose of into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Packaging :

The packaging can be re-used in respect of local and/or national regulations

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

SECTION 15 : REGULATORY INFORMATION

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

Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

Container information:

No data available.

Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The product does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):

<https://echa.europa.eu/substances-restricted-under-reach>.

Explosives precursors :

The product does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

Particular provisions :

No data available.

15.2. Chemical safety assessment

Not applicable.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the product and not as a guarantee of the properties thereof.

Abbreviations and acronyms :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

EC50 : The effective concentration of substance that causes 50% of the maximum response.

ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

VLRI : Indicative limit value

VLRC : Indicative constraint value

ADR : European agreement concerning the international carriage of dangerous goods by Road.

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IMDG : International Maritime Dangerous Goods.
IATA : International Air Transport Association.
ICAO : International Civil Aviation Organisation
RID : Regulations concerning the International carriage of Dangerous goods by rail.
WGK : Wassergefährdungsklasse (Water Hazard Class).
GHS05 : Corrosion
GHS07 : Exclamation mark
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.