

X-Ray Protection

Safety Data Sheet

Version 1.0 - Regulation 1907/2006 EU

1. IDENTIFICATION OF PRODUCT AND RELEVANT USE:



X-Ray Protection board



Protection from X-rays

2. IDENTIFICATION OF RISKS:



NON dangerous substance

3. COMPOSITION:



Baryte and calcium sulphate dihydrate encased in paper liners

4. FIRST AID:



Inhalation



Contact with skin



Contact with eyes



1. IDENTIFICATION OF PRODUCT AND RELEVANT USE:

Identification of product: X-Ray Protection board

Identification of principal substances:

Mixture of natural barium sulphates (CAS n° 7727-43-7) and calcium sulphates (CAS n° 10034-76-1)

Mineral board encased in strong paper liners with special additives to provide internal linings in buildings with X-Ray Protection as an alternative to lead sheets. Particularly suitable for rooms with X-Ray equipment in medical centres, hospitals also veterinary and dental surgeries.

Details of data safety sheet supplier:

Saint Gobain Placo Ibérica acts as a manufacturer in the supply chain.
112. European emergency telephone number.



2. IDENTIFICATION OF RISKS:

The principal substances are not classified as dangerous under Directives 67/548/EEC and 1272/2008 (EU-GHS/CLP).

There are no special risks which should be mentioned. The dust generated during installation when cutting and/or sanding the mineral board can cause irritation to the respiratory tract, skin and eyes.



3. COMPOSITION:

Mineral board encased in strong paper liners with a mixture of calcium sulphate dihydrate and coarse grade barium sulphate. Natural constituents may include minor amounts of quartz. It contains minority additives such as starch, dispersants and setting agents also small quantities of chopped man-made mineral fibre exceeding 6mm in length. The core of the board has a shade of yellow inorganic pigment for product identification



4. FIRST AID:

General note: No harmful effect can be expected during normal use of the product. However, if during the handling of the plasterboard dust appears, the following recommendations should be followed:

Inhalation: After inhalation of large quantities of dust, remove into the fresh air and breathe normally. If not breathing, apply artificial respiration. Obtain medical attention.

Contact with skin: If any irritation appears, wash the skin immediately with running water for at least 15 minutes, take off contaminated clothing and shoes. Obtain medical attention. Wash the clothing and clean the shoes before using them again.

Contact with eyes: Wash the eyes immediately with water for several minutes, occasionally lifting the upper and lower eyelids. Obtain medical attention.

Notes for the doctor: Neutral salt. No known allergic reactions. Soluble powder.

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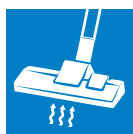
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5. FIRE PREVENTION:



Limited combustion capacity

6. MEASURES IN CASE OF ACCIDENTAL RELEASE:



Use vacuum cleaner

7. HANDLING AND STORAGE:



Handle with safety clothing



Store in dry and level place

8. PERSONAL PROTECTION:



Use protective clothing, mask and gloves

9. PHYSICAL AND CHEMICAL PROPERTIES:



Solid physical state



5. FIRE PREVENTION:

The mineral board has limited combustibility; the packaging (plastic film and flax packing) may be combustible in the event of fire.

Appropriate extinguishing methods: water, foam, carbon dioxide or dry powder.



6. MEASURES IN CASE OF ACCIDENTAL RELEASE:

Avoid generating dust. If it does occur, use the vacuum cleaner or steam clean if possible, to prevent dispersion of the dust.



7. HANDLING AND STORAGE:

Handling: Pallets should be handled using fork-lift trucks, ensuring that the position of the forks is appropriate and that the personnel know the procedure and are wearing suitable safety clothing. It is recommended to handle individual boards avoiding a horizontal position.

Storage: store in a dry and level place. No greater than 4 pallets high.

X-RAY PROTECTION PRODUCT WEIGHTS

Board thickness mm	Board width mm	Board length mm	Board weight kg	Pallet weight tonnes
12,5	600	1800	19,4	0,78
12,5	600	2400	25,9	1,04

NB: all weights are approximate



8. PERSONAL PROTECTION:

	Country	AQLV-DE ⁽¹⁾ mg/m ³
Calcium sulphate dihydrate	Spain (INSHT)	10 ⁽²⁾
Barium Sulphate	Spain (INSHT)	10
Crystalline silica	Spain (INSHT)	0,05

The use of gloves and appropriate protective clothing is recommended during handling of the plasterboard; in the event of generation of dust, protective mask and gloves must be used.

(1) Air quality limit value – Daily exposure (8 hours).

(2) Material without asbestos and less than 1% crystalline silica.



9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical state: solid

Colour: Cream surface, shade of yellow core

Odour: Odourless

pH in aqueous solution: Not relevant

Density of board: 1440kg/m³

Reaction to fire: A2-s1,d0

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10 . STABILITY AND REACTIVITY



Stable under normal conditions

11 . TOXICOLOGY INFORMATION:



NON-toxic

12 . ECOLOGICAL INFORMATION:



NOT dangerous for the environment

13 . CONSIDERATIONS ON DISPOSAL:



Particulates and dust

14 . INFORMATION IN TRANSPORT



NOT classified as dangerous



10. STABILITY AND REACTIVITY:

The product is stable under normal air, temperature and pressure conditions.



11. TOXICOLOGY INFORMATION:

Non-toxic product.



12. ECOLOGICAL INFORMATION:

Not classified as dangerous for the environment. No known adverse environmental effects.



13. CONSIDERATIONS ON DISPOSAL:

Disposal of wastes in accordance with European Community Directives 75/442/EEC and 91/689/EEC and corresponding regulations concerning waste and hazardous waste.

10 13 waste from the manufacture of cement, lime and plaster products, including:

- 10 13 01 waste preparation mixtures.
- 10 13 06 particulates and dust (except 10 13 12 and 10 13 13).



14. INFORMATION ON TRANSPORT.

It is not classified as dangerous under transport regulations.

15. REGULATORY INFORMATION:

Regulation 1907/2006 (REACH) requires the preparation and distribution of a safety data sheet only for dangerous substances and mixtures. Products are exempt from this requirement provided that they do not contain substances included in Annex XIV of the Regulation in concentrations >0.1% (p/p) or which contain PBT substances "to be released under normal or reasonably foreseeable conditions of use".

The product concerned does not contain any of these substances, and thus there is no legal requirement to prepare a safety data sheet. However, Saint Gobain Placo Iberica, with its commitment to customer service and protection of workers' health, has decided to provide the following information to ensure safe and correct use of the products.

It maintains the safety data sheet format in accordance with Regulation 453/2010 for ease of understanding.

16. OTHER INFORMATION:

It is recommended to use the product only for the intended uses.

The information provided is intended to provide advice on the safe handling of the products mentioned in this sheet for safe use, storage, processing, transport and disposal. The information cannot be transferred to any other products. In the event that this product is mixed with others or in the case of transformation, the information in this safety data sheet will not be valid for the new manufactured materials.