

Safety data sheet – IsoHemp block

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Product identification : IsoHemp blocks

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1. Identification of substance/preparation and the company

Product name: IsoHemp block

Use of the product: Non-load-bearing insulating building materials

Manufacturer:

IsoHemp S.A.

Noville-Les-Bois

Rue du Grand Champ 18

B-5380 Fernelmont

+32 81 39 00 13

info@iso hemp.be

European emergency phone number: **112**

2. Identification of hazards

Product installed in its final application: **no known risks.**

When using, handling and machining the product:

- Eye contact with dust may cause transient eye irritation or inflammation.
- Prolonged skin contact may cause skin irritation in sensitive people.
- Excessive dust inhalation may cause respiratory tract irritation.

Information concerning specific risks to humans and the environment: see this SDS.

3. Composition/information on ingredients

Hydraulic lime 5 to 10%

Aerated lime 10 to 15%

Hemp 75 to 80%

4. First aid

a. Eye contact

Irrigate for at least 15 minutes under running water or with a suitable eyewash liquid. Consult a doctor.

b. Inhalation

Remove the contaminated person and bring the person into fresh air. Consult a doctor if necessary.

c. Skin contact

Rinse with soap and water. Remove contaminated clothing. Consult a doctor in case of irritation or a burning sensation.

d. Ingestion

Rinse mouth immediately, then drink plenty of water. Consult a doctor if necessary.

5. Firefighting measures

Suitable extinguishing agents:

- The product has limited combustibility and is non-flammable. Use a dry powder, foam or CO₂ extinguisher to extinguish the surrounding fire.
- Use extinguishing means appropriate to the local circumstances and the environment.

6. Measures to be taken in the case of accidental release

Not applicable.

7. Handling and storage

a. Handling during use and machining:

- Work in well-ventilated areas.
- Use tools with the dust removal system.
- Use respiratory personal protective equipment if the total dust concentration could exceed the legal ELVs.
- When the dust concentration is higher than the exposure limit, use of respiratory protective equipment is mandatory.
- Remove dust with a vacuum cleaner or dampen it with water before sweeping.

b. Storage:

The pallets should be stored on a flat, dry, covered surface in a well-ventilated area. During transport, the products must be covered.

8. Exposure controls and personal protective equipment

- Check the latest exposure limit values (ELVs) for airborne dust in force in your country.
- Technical checks: when using power tools for machining work, make sure there is a vacuum dust outlet fitted with the appropriate filter.
- Personal protection: avoid breathing dust, avoid contact with eyes and skin and wear personal protective equipment suited to the task.
- Respiratory protection: use suitable respiratory equipment whenever occupational exposure levels are exceeded or could be exceeded.
- Eye protection: use safety glasses whenever tools are used and whenever dust emitted.
- Skin protection: use work clothes and gloves to protect yourself against mechanical injuries and direct skin contact.

9. Physical and chemical properties

Appearance: natural beige colour

Shape: block

Odour: none

Flash point: non-flammable

Self-ignition: not applicable

Oxidation: not applicable

Vapour pressures: not applicable

Relative density: 250 and 400 kg/m³

Water solubility: several days

pH: 10-12

10. Stability and reactivity

The products are stable. No incompatibilities noted.

11. Toxicology information

The products are non-toxic. Additional information:

- Prolonged skin contact may cause moderate skin irritation.
- The hazards relate to inhalation of the dust produced during machining. This risk is minimised by ensuring that work instructions are observed and correctly applied.
- Short-term inhalation of dust can cause transient respiratory irritation.
- As in the case of most mineral and organic dusts and unrelated to this product, inhaling excessive concentrations of dust for extended periods of time may cause chronic inflammation of the airways (chronic occupational bronchitis).

12. Ecological information

Not applicable.

13. Disposal procedure

Hemp blocks can be recycled or stored in a class 2 landfill site.

14. Transport requirements

No marking is necessary according to transport regulations. Non-hazardous product.

15. Regulatory information

This product is a manufactured item that does not constitute a substance or preparation. According to European Union regulations, no label is required.

16. Other information

The above information and recommendations are based on the state of our knowledge at the time of publication. No responsibility or guarantee can be accepted in the event of loss, damage or harm resulting from the use of this sheet. This sheet is designed to serve as a guide to safe use, storage and implementation of the products under normal conditions. It does not refer to special applications, for which further advice should be requested.

This sheet and the information it contains in no way replaces the general conditions of sale and does not constitute a technical sheet. The information it contains cannot take the place of advice for use and must not be interpreted in violation of applicable patents or regulations.

For more technical details, consult the product information sheets, the IsoHemp website, etc.

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