

Safety Data Sheet

In accordance with Commission Regulation (EU) No.1907/2006 (REACH),
Article 33

1. Identification

1.1 Product Identifier:

FIBRANskin

Spunbond Polyethylene

1.2 Relevant identified uses of the product : Building construction (water-tight breathable membrane, vapour barrier, vapour retarder, water reducing layer)

1.3 Details of the supplier of the safety data sheet:

FIBRAN S.A.

Insulating material industry

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1.4 Emergency telephone number:

Fibran S.A. Technical Support Department

Tel: +30 2310 682425 (Monday-Friday 08:30 – 16:00)

2. Hazards Identification

2.1 Classification of the substance or mixture:

This product has no known adverse effect on human health. Additives in this product do not present a respiration hazard unless the product is ground to a powder of respirable size and the dust is inhaled. All dusts are potentially injurious to the respiratory tract if respirable particles are generated and inhaled. Dust may form explosive mixture in air.

2.2 Label elements:

Carcinogenicity: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

3. Composition / Information on Ingredients

| Description | CAS number | EC number | content |
|-----------------|------------|-----------|---------|
| Nonwoven fabric | | | 100% |

Includes percentages of the following:

| | | | |
|--------------|-----------|--|--|
| Polyethylene | 9002-88-4 | | |
| Additives | | | |

4. First-Aid Measures

- 4.1 General advice: No hazards which require special first aid measures
 4.2 Inhalation: Consult a physician if necessary

5. Fire-Fighting Measures

- 5.1 Flammable properties – Flash Point:

Not applicable

- 5.2 Autoignition temperature:

330 - 350 °C

- 5.3 Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment (e.g. Water spray, Foam, Dry powder, Carbon Dioxide (CO₂))

- 5.4 Thermal decomposition:

> 200 °C

- 5.5 Fire and Explosion Hazard:

Burning is accompanied by melting and dripping which may cause the fire to spread.

In fire conditions, toxic decompositions products may be formed: Carbon monoxide (CO) Carbon dioxide (CO₂)

- 5.6 Advice for fire-fighters:

Wear self-contained breathing apparatus and protective suit.

6. Accidental Release Measures

NOTE: Review FIRE-FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

- 6.1. Spill Cleanup : not applicable

7. Handling and Storage

7.1 Handling (Personnel):

Material can become slippery when wet. Take precautionary measures against static discharges. Minimize the generation and accumulation of dust.

7.2 Storage:

Keep in a dry place. To maintain product quality do not store in heat or direct sunlight.

8. Exposure Controls – Personal Protection

8.1 Personal protective equipment – Respiratory protection:

Respiratory protection should not be required for normal use and handling.

When workers are facing concentrations above the exposure limit values they must

use appropriate certified respirators.

8.2 Exposure guidelines – Exposure limit values

| Polyethylene | | | | |
|--------------|---------|----------------------|-----------|----------------------|
| PEL | (OSHA) | 5 mg/m ³ | 8 hr. TWA | Respirable fraction |
| PEL | (OSHA) | 15 mg/m ³ | 8 hr. TWA | Total dust |
| TLV | (ACGIH) | 3 mg/m ³ | 8 hr. TWA | Respirable particles |
| TLV | (ACGIH) | 10 mg/m ³ | 8 hr. TWA | Inhalable particles |

9. Physical and Chemical Properties

9.1 Form: sheets

9.2 Color: various

9.3 Odor: none

9.4 Melting point/range: 135 °C

10. Stability and Reactivity

10.1 Hazardous decomposition under normal use conditions:

does not occur

10.2 Hazardous decomposition in fire conditions:

toxic decompositions products may be formed (Carbon monoxide (CO)
Carbon dioxide (CO₂))

11. Toxicological Information

POLYETHYLENE

11.1 Oral LD50: 7,950 mg/kg, rat

11.2 Skin irritation: non-irritant

11.3 Eye irritation: non-irritant

11.4 Skin sensitization: not a skin sensitizer

11.5 Further information: The substance is a polymer and is not expected to produce toxic effects.

12. Ecological Information

12.1 Aquatic Toxicity Polyethylene:

The substance is a polymer and is not expected to produce toxic effects

12.2 Additional ecological information:

This product has no known eco-toxicological effects.

13. Disposal Considerations

13.1 Waste disposal: Where possible recycling is preferred to disposal or incineration

14. Transport Information

14.1 Not classified as dangerous in the meaning of transport regulations.

15. Regulatory Information

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

no The overall conclusion in accordance with the REACH regulation is that there are hazardous classifications associated with FIBRANskin in respect to physical, health and environmental considerations.

16. Further Information

16.1 FIBRANskin are declared under the REACH definition as an "article" and therefore are not subject to safety classification and labelling in accordance with EC Directives or respective National Laws.

16.2 The information contained herein is based upon data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data. As the user's working- conditions are beyond our knowledge and control, it is always the responsibility of the user to take all the necessary measures to fulfill the demand of security matters, laid down in national rules and legislation. The information in this SDS is meant as a description of the safety requirements for our product. It is not to be considered as a guaranty of the product's properties.

Changes have been made to sections with a * mark, compared to the previous version.