

SIDERISE FLX flexible acoustic barriers for suspended ceilings

1. Identification of substance/mixture and of the company

1.1 Product identifier

SIDERISE FLX flexible acoustic barriers for suspended ceilings

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

Composite material offering durability and excellent sound barrier and absorbing qualities.

The material is chemically inert, non-dusting and due to its flexibility is easily applied to curved surfaces or deformed to fit complex shapes.

The product has the additional benefit of being exceptionally fire resistive, meeting the requirements of 'Class O' to Building Regulations.

1.3 Details of the supplier of the safety data sheet

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1.4 Emergency telephone number

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Data for outer layers

(Please also refer to data for inner layer.)

2. Hazards identification

2.1 Main hazards

Normally, the product is not dangerous.

2.2 Specific risks

None.

3. Composition/Information on ingredients

3.1 Identification of substance or preparation

Mineral fillers, polymeric based (PP, PE), plasticizers. Plastics, aluminium, porous felt.

3.2 Representative hazardous substances for health or environment

None.

3.3 Substances declared as not classified as hazardous

None.

4. First aid measures

4.1 Description of first aid measures

4.1.1 Inhalation

Inhaling fumes may cause irritation of the nose or throat or coughing. Go out into fresh air.

4.1.2 Skin contact

No risk at room temperature. In contact with hot material cool by water, and don't remove from skin. Go to a medical centre.

4.1.3 Eye contact

None.

4.1.4 Ingestion

None.

5. Fire fighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Foams, dry chemical powder, carbon dioxide, sand and water sprinkler (mist).

5.1.2 Usuitable extinguishing media

In the case of big fires, do not use a water blast.

5.2 Special hazards arising from the substance or mixture

Exposure to decay products can entail health risks.

5.3 Advice for firefighters

Fire-fighting personnel must be equipped with independent, insulating breathing protection against smoke and decay products.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special requirements.

6.2 Environmental precautions

None required.

6.3 Methods and materials for containment and cleaning up

None required.

7. Handling and storage

7.1 Precautions for safe handling

No specific measures.

7.2 Conditions for safe storage, including any incompatibilities

Stored in places protected from the sun and the weather. Avoid temperatures below 5°C, as well as over 35°C.

7.3 Specific end use(s)

Do not store without the protective packaging film.

8. Exposure controls/personal protection

8.1 Control parameters

Not applicable.

8.2 Exposure controls

8.2.1 Individual protection measures, such as personal protective equipment

- a) **Eye protection:** Does not present specific risks.
- b) **Skin protection:** Not applicable.
- c) **Respiratory protection:** Does not present specific risks.
- d) **Hand protection:** Does not present specific risks.

8.3 Environment exposure control

Not applicable.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

- a) **Appearance:** Solid at room temperature
- b) **Odour:** Characteristic
- c) **pH (at 1000g/H₂O, 25°C):** Not applicable
- d) **Melting point:** > 230°C
- e) **Initial boiling point and boiling range:** Solid material therefore not applicable
- f) **Flash point:** Not applicable
- g) **Evaporation rate:** Solid material therefore not applicable
- h) **Upper/lower flammability or explosive limits:** Not applicable
- i) **Vapour pressure:** Solid material therefore not applicable
- j) **Vapour density:** See above - solid material therefore not applicable
- k) **Relative density:** 2g/cm³
- l) **Solubility(ies):** Insoluble in water; partially soluble in the majority of organic solvents
- m) **Viscosity:** Solid material therefore not applicable.
- n) **Explosive properties:** Not applicable

9.2 Other information

No further chemical or physical properties to report.

10. Stability and reactivity

10.1 Conditions to avoid

Stable under normal storage conditions.

10.2 Materials to avoid

None.

10.3 Hazardous decomposition products

Incompleted combustion can produce heavy smokes and products such as CO, CO₂, SO₂.

11. Toxicological information

11.1 Information on toxicological effects

- a) **High toxicity:** Not applicable
- b) **Irritation:** Not applicable
- c) **Sensitiveness:** Not applicable

d) Chronic toxicity: Not applicable

e) Exposure tracts: Not applicable

f) Additional information: None

12. Ecological information

12.1 Toxicity

There are no known adverse effects on the environment.

12.2 Persistence and degradability

Low biodegradability.

12.3 Bio-accumulative potential

Not applicable.

12.4 Mobility

Not applicable.

12.5 Other adverse effects

Not applicable.

13. Disposal consideration

13.1 Waste treatment methods

No special recommendation. Inert waste disposal must be conducted in approved landfills, observing local regulations.

13.2 Packaging

No special recommendation. As an inert residue, its removal must be carried out in authorised dumps, in compliance with local regulations.

14. Transport information

14.1 UN number

Not applicable.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

None specified.

15. Regulatory information

15.1 Important notice

The information included in the safety data sheet is based on our most up-to-date knowledge and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed.

No liability will be accepted (except as by specified by law) for use of information taken from this safety data sheet. It is the responsibility of the user of this product to observe the rules and regulations.

16. Other information

16.1 Standard information

According to the Directive 67/548/EEC and 1999/45/EC, the product is not hazardous within the meaning of that directive.

Phrases R: None.

Phrases S: None

16.2 Additional information

This safety data sheet refers specifically to the products listed and can not be used in other products.

This information reflects directive 2001/58/EC.

16.3 Indication of changes

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Data for inner layer

(Please also refer to data for outer layers.)

17. Hazards identification

17.1 Occupational exposure limits

None.

17.2 Skin contact

None.

17.3 Eye contact

None.

17.4 Ingestion

Not harmful if swallowed.

17.5 Inhalation

No fumes.

18. Composition/Information on ingredients

18.1 Identification of substance or preparation

Plasticizers, fillers and polyolefines.

18.2 Hazardous components

18.2.1 Representative hazardous substances

None according to EU guidelines.

18.2.2 Other hazardous substances

Aromatic hydrocarbons with a concentration beneath the minimum hazard threshold.

18.3 Classification symbols

None.

18.4 R phrases

None.

19. First aid measures

19.1 Description of first aid measures

19.1.1 Inhalation

Not applicable.

19.1.2 Skin contact

Not applicable.

19.1.3 Eye contact

Not applicable.

20. Fire fighting measures

20.1 Extinguishing media

Foams, dry chemical powder, carbon dioxide, sand and water sprinkler (mist). Do not use a direct water jet.

20.2 Special hazards arising from the substance or mixture

A fire will create thick black smoke. Exposure to decomposition of the products can cause a health risk.

20.3 Advice for firefighters

Fire fighters must be equipped with independent, insulating breathing protection against fumes and decomposing products.

21. Accidental release measures

21.1 Personal precautions, protective equipment and emergency procedures

Not applicable.

21.2 Environmental precautions

None.

21.3 Methods and materials for containment and cleaning up

Not applicable.

22. Handling and storage

22.1 Precautions for safe handling

No special precautions needed.

22.2 Conditions for safe storage, including any incompatibilities

No special precautions needed.

22.3 Suitable packaging

Not applicable.

23. Exposure controls/personal protection

23.1 Exposure limit values

Not determined.

23.2 Individual protection measures, such as personal protective equipment

a) Eye protection: Not applicable.

b) Skin protection: Not applicable.

c) Respiratory protection: Not applicable.

24. Physical and chemical properties

24.1 Information on basic physical and chemical properties

- a) **Appearance:** Solid at room temperature
- b) **Odour:** Characteristic
- c) **Colour:** Ocre/Black

25. Stability and reactivity

25.1 Conditions to avoid

The product is stable under normal storage and handling conditions. Avoid contact with strong oxidants.

25.2 Hazardous decomposition products

Incomplete burning can generate decomposition products such as: CO, CO₂, SO₂, dense smoke.

26. Toxicological information

26.1 Information on toxicological effects

- a) **Inhalation:** Not applicable
- b) **Eye contact:** Not applicable
- c) **Skin contact:** Not applicable
- d) **Ingestion:** Not applicable

27. Ecological information

27.1 Adverse effects

There are no known negative effects for the environment.

27.2 Persistence and degradability

The components of the membrane do not easily biodegrade in the environment.

28. Disposal consideration

28.1 Waste treatment methods

No special recommendation. As an inert residue, its removal must be carried out in authorised dumps, in compliance with local regulations.

28.2 Packaging

Not applicable.

29. Transport information

29.1 General recommendations

Transport in compliance with carriage standards in force.

Land carriage (ADR, RID): None

Ocean freight (IMDG): None

Air transport (IATA): None

UN number: Not applicable

30. Regulatory information

30.1 Note on regulatory information

This safety data sheet corresponds to EC nos. 91/155, 93/112, 67/548 and 99/045 guidelines and adaptations.

30.2 Important notice

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31. Other information

31.1 Standard information

Not subject to hazardous product labelling according to 67/548/CE guideline.

EU number: Not applicable.

Symbols: None according to the guidelines.

R and S phrases: None according to the guidelines.

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Further information

TECHNICAL SUPPORT

For further information please contact our Interiors technical team at the address below.

PRODUCTS & TECHNICAL INFORMATION

Visit our website for product information and free technical downloads.



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