

VOLUNTARY SAFETY DATA SHEET

The product is not a dangerous substance or compound, so it is not regulated by Regulation (CE) 1907/2006. This safety data sheet is only informative.

1. IDENTIFICATION OF THE PRODUCT

STIFERITE CLASS B

Use:
Insulating thermal product

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2. HAZARDS IDENTIFICATION

The product is an article.
Referable specific pathologies to the manipulation of this product are not known.

3. COMPOSITION

Rigid polyurethane–polyisocyanurate foam covered on one side with mineral saturated glass fiber and on the other side with bituminous fiber glass with PP layer. The glass fiber shape is filament. The bituminous layer is a mixture of distilled bitumen, polyolefin and elastomeric polymers.
It contains flame retardants, binder and blowing agents.
It does not contain cardboard tar and asbestos.

4. FIRST AID MEASURES

Inhalation:

Immediately move the affected person to fresh air. If symptoms persist, get medical attention.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Do not rub or scratch eyes. Rubbing or scratching may cause mechanical damage. If irritation persists get medical attention.

Skin Contact:

For skin contact, wash immediately with soap and cold water. Do not wash with warm water because this will open up the pores of the skin, which will cause further penetration of the fibres. Use a washcloth to help remove fibers. To avoid further irritation, do not rub or scratch affected areas. Rubbing or scratching may force fibers into the skin. Remove polluted clothing. If irritation persists, get medical attention.

Ingestion:

Accidental ingestion of this material is unlikely. If it does occur, watch the person for several days to make sure that intestinal blockage does not occur. Rinse the mouth with water and drink water to remove fibres from the throat. If irritation persists, get medical attention.

5. FIRE-FIGHTING MEASURES

The product is not inflammable but combustible.

Extinguishing media: water spray, dry chemical, foam or carbon dioxide.

Hazardous product of combustion: compounds of carbon, hydrogen and oxygen, including carbon monoxide and smoke. The exact composition will depend on the conditions of combustion.

6. ACCIDENTAL RELEASE MEASURES

Containment: Pick up large pieces. Use gloves to avoid skin irritation. Use an industrial vacuum cleaner with a high efficiency filter to clean up significant dust and fiber contamination. Avoid dry sweeping. New use compressed air. Clothing should be washed separately. Wipe out washer/sink to prevent loose glass fibers from getting on other articles.

Disposal: Place material in a container. Vacuum the outside of the container to remove fibers.

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7. HANDLING AND STORAGE

Handling: use single use gloves.

Storage: fuel product; do not store in the presence of open flames or sources of ignition Storage: product combustible; keep away from: heat and flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Avoid the powder inhalation produced by electrical cutting or mechanical manufacture.

The powder is classified as annoying powder.

The continuous filament glass fibers are not breathable. Some mechanical processes can however generate dust or fibers in suspension

9. PHYSICAL AND CHEMICAL PROPERTIES

Rigid polyurethane–polyisocyanurate foam covered on one side with mineral saturated glass fiber and on the other side with bituminous fiber glass with PP layer.

| | |
|-------------------------------|------------------------------------------------|
| smell: | Not Applicable |
| ph value: | Not Applicable |
| boiling point: | bituminous layer >470° C |
| melting point: | PU foam doesn't melt; bituminous layer >100° C |
| flash point: | bituminous layer >100° C |
| explosion properties | Not Applicable |
| vapour pressure | Not Applicable |
| solubility in water | insoluble |
| solubility in organic solvent | insoluble |
| solubility in n-octanol/water | Not Applicable |
| calorific power | 70 MJ/m ² |

10. STABILITY AND REACTIVITY

Stable at ambient temperatures and pressures.

11. TOXICOLOGICAL INFORMATION

Polyurethane foam is considered inert.

The glass fiber:

Acute Toxicity: not applicable

Local effects: Dusts and fibers can cause irritation of the eyes and skin. Irritation disappears when the exposure ceases. Mechanical irritation is not considered a health hazard according to the European regulation 1272/2008 / EC. Continuous filament glass fibers are not classified as irritants according to European regulation 1272/2008 / EC.

Inhalation can cause coughing, sneezing or irritation of the nose and throat. Exposure to strong concentrations may result in breathing difficulties, congestion and a sense of oppression.

Long term effect: Continuous filament glass fibers are not breathable as defined by the World Health Organization (WHO).

Continuous filament glass fibers are not carcinogenic

Bituminous layer: The bituminous layer during the installation operations for heating can cause the emission of thermocracking products in the form of gases and vapours which may involve:

eye irritation with possible sensitization (conjunctivitis)

skin irritations, with possible sensitizations (dermatitis)

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12. ECOLOGICAL INFORMATION

Not biodegradable

13. DISPOSAL CONSIDERATION

According the local regulations.

14. TRANSPORT INFORMATION

This product is no regulated and classified in a manner that requires special handling or precautions in shipment.

15. REGULATORY INFORMATION

Not regulated by Regulation (CE) 1907/2006 and next promulgations.

16. OTHER INFORMATION

Please consult STIFERITE technical office. **Free number 0039 800840012**

NOTE:

The information contained in the sheet is provided in the current state of our knowledge, without contractual guarantee value and may be subject to change. The product will have to be stored and used according to hygiene, safety and good industrial practice, according to technical indications of the supplier and in accordance with the provisions of the law.