

**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 S**

Use:  
Insulating thermal product

**STIFERITE SpA a Socio Unico**

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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 both side with mineral saturated glass fiber. The glass fiber shape is filament. It contains flame retardants, binder and blowing agents.

**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. Never 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 both side with mineral saturated glass fiber.

odor:	Not Applicable
ph value:	Not Applicable
boiling point:	Not Applicable
melting point:	Not Applicable
flash point:	Not Applicable
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 <sup>2</sup>

**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

**12. ECOLOGICAL INFORMATION**

Not biodegradable

**13. DISPOSAL CONSIDERATION**

According the local regulations.

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**14. TRANSPORT INFORMATION**

This product is not 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.