

SPS Envirowall Ltd



Safety Data Sheet
according to (EC) 1907/2006 - Artclie 31

ISO No. 5791

Version 1

Date prepared: May 2022

SECTION 1 Identification of the article and of the company/undertaking

1.1 Product identifier

Trade Name: Intumescent Strip
Identification of the product: Product Name: Cavity TS Intumescent Strip
Product Code: ESPS-TS-I20LM

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

Use: Expands when heated to act as a fire stop. Main application is in fire protection.

1.3 Details of the supplier of the safety data sheet

Supplier SPS Envirowall Ltd
Unit 27 Rosevale Road
Parkhouse Industrial Estate West
Newcastle under Lyme
Staffordshire
ST5 7EF
United Kingdom
Email: info@spsenvirowall.co.uk
Telephone: 08451300983

1.4 Emergency telephone number

NHS : 111

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]: The product is not classified according to CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]: The product has not been classified and marked in accordance with Regulation (EC) No 1272/2008.

Supplemental hazard information (EU): These products contain low bio-persistence mineral fibres. These products are not hazardous in the form in which they are shipped by the manufacturer. However, they may produce low levels of fibre-containing dust as a result of downstream activities such as cutting. These products contain graphite which is not recommended for electrical purposes. Note that dust from these products may compromise the integrity of electrical or electronic equipment.

2.3 Other hazards

Mild mechanical irritation to skin, eyes and upper respiratory system may result from exposure, however any effects are usually temporary.

SECTION 3 Composition/information on ingredients

Composition/information on ingredients:

These products are made from varying amounts of low bio-persistence mineral fibres, graphite, organic fibres and binders.

SECTION 4 First aid measures

4.1 Description of first aid measures

General Information: The main hazards arise from downstream activities such as cutting.

Inhalation: Avoid breathing dust. If breathing difficulties are experienced whilst cutting, remove to fresh air or a ventilated area and seek medical advice.

Skin contact: If possible, vacuum excessive dust from clothes as well as skin and hair. Wash and clean contaminated skin with soap and clean water. Clothes should be washed professionally.

Eye contact: In case of eye contact, irrigate abundantly with water. Seek medical attention.

Ingestion: If small quantities are ingested, seek medical advice.

Self-Protection for First Aider: Wear suitable personal protective equipment to avoid inhaling dust.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No symptoms expected.

Effects: No effects expected.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for Doctor: None required

Special Treatment: None required

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Not flammable

Unsuitable extinguishing media: Not applicable

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: None

5.3 Advice for fire-fighters

None required.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Avoid inhaled dust.

Protective equipment: Protective clothing should be provided for operators along with protective equipment shown in Section 8.

Emergency Procedures: None required.

Personal protective equipment: Protective clothing should be provided for operators along with protective equipment shown in Section 8.

6.2 Environmental precautions

Remove dust by using a vacuum cleaner fitted with 'H' type filters. Where vacuum cleaning is not possible,

6.3 Methods and material for containment and cleaning up

For containment: Dampen down any dust spillages as soon as possible and collect whilst still damp.

For cleaning up: Remove dust using vacuum with 'H' type filters and suitable bags for containment.

Dust should be packaged into impermeable plastic sacks which should be sealed. Such waste should then be disposed of according to local regulations.

6.4 Reference to other sections

Section 7 for Handling and Storage and Section 8 for Protective Equipment.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Protective measures:** No special protective measures are normally required.
- Advice on safe handling:** Normal safe precautions for handling can be employed.
- Fire prevention:** Products are not flammable.
- Aerosol and dust generation prevention:** Small amounts of dust may be generated if products are allowed to abrade against each other.
- Environmental precautions:** No special precautions are required.
- Advice on general occupational hygiene:** Wear protective clothing.

7.2 Conditions for safe storage, including any incompatibilities

- Technical measures and storage conditions:** Both un-cut and cut products should be packed to prevent movement and abrasion during transit and to prevent absorption of water. Otherwise normal safe precautions for storage can be used. To avoid damage and distortion, store on a smooth level surface, in a fully supported position off the ground and in a dry place.
- Packaging materials:** Card cartons
- Requirements for storage rooms and vessels:** Dry location
- Hints on storage assembly:** FF102 is not considered to be a dense material but care should be taken not to exceed safe working loads for equipment and storage shelves or racks.
- Storage class:** Not applicable.
- Materials to avoid:** No special requirements
- Further information on storage conditions:** Not applicable.

7.3 Specific end use(s)

- Recommendations:** Not applicable
- Specific end uses:** See references to dust hazards during cutting, Section 4.

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

Reference should be made to local and country-specific occupational exposure limits for dust and low bio-persistence mineral fibres.

UK monitoring methods can be found as follows:
 MDHS 59 – Machine-made fibres airborne number concentration and classification by phase contrast light microscopy.
 NIOSH 0500 – Particulates not otherwise regulated, total.
 NIOSH 0600 – Particulates not otherwise regulated, respirable.
 NIOSH 7400 – Asbestos and other fibres by PCM.

8.2 Exposure controls

Fit and use appropriate local exhaust ventilation systems for cutting and machining operations. Use appropriate personal protective equipment to avoid dust inhalation. Maintain a clean workspace using a vacuum cleaner. MEL/OES Low bio-persistence mineral fibres 5 mg/m³ 8 hr TWA (MEL)

SECTION 9 Physical and chemical properties

- Physical State:** Solid material
- Appearance:** Rigid Sheet
- Colour:** Grey
- Odour:** Not applicable
- Odour threshold:** Not applicable
- pH:** Not applicable
- Melting/freezing point:** Not applicable
- Boiling point:** Not applicable
- Flash point:** Not applicable
- Evaporation rate:** Not applicable
- Flammability (solid,gas):** Not applicable
- Upper/lower explosive limits** Not applicable
- Vapour pressure:** Not applicable
- Vapour density:** Not applicable
- Relative Density:** Not applicable
- Solubility:** Not soluble in water
- Partition coefficient n-octanol/water:** Not applicable
- Auto-ignition temperature:** Not applicable
- Decomposition temperature:** Not applicable
- Dynamic Viscosity:** Not applicable
- Kinematic Viscosity:** Not applicable
- Explosive properties:** Not applicable
- Oxidising properties:** Not applicable

SECTION 10 Stability and reactivity

- 10.1 Reactivity** Stable and non-reactive.
- 10.2 Chemical stability** Stable and inert.
- 10.3 Possibility of hazardous reactions** None
- 10.4 Conditions to avoid** None
- 10.5 Incompatible materials** None
- 10.6 Hazardous decomposition products** None

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Exposure is mainly due to low levels of dusts generated during downstream activities such as cutting. Low bio-persistence mineral fibres as used in these products have been developed to be quickly and effectively cleared from lung tissues.

Acute Effects

- Acute Inhalation Toxicity:** Nose and throat irritation.
- Skin Irritation:** Mild irritation
- Eye Irritation:** Irritation

Chronic Effects

- Respiratory or Skin Sensitisation:** Irritation of both the respiratory tract and skin is by mechanical means and is not the result of an allergic reaction or chemical damage.

SECTION 12 Ecological information

12.1 Toxicity	FF102 is insoluble in water and remains stable over time. The major constituents are similar in their chemical composition to naturally occurring materials and minerals.
12.2 Persistence and degradability	Not established.
12.3 Bioaccumulative potential	Not established.
12.4 Mobility in soil	No information available.
12.5 Results of PBT and vPvB assessment	The product do not contain substances that are considered as either PBT or vPvB.
12.6 Other adverse effects	No other additional information available.

SECTION 13 Disposal considerations

13.1 Waste treatment methods	
Product/Packaging Disposal:	Packaging can be cleaned and recycled.
Waste Treatment Options:	Waste from the product may be disposed of in landfill according to local regulations.

SECTION 14 Transport information

14.1 UN number	Product is not dangerous according to current transport regulations.
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packaging group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	Not applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Not applicable

SECTION 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
EU-Regulations	Regulation (EC) No 1272/2008, 20th January 2009, on Classification, Labelling and Packaging of Substances and Mixtures (OJL 353). The 7th Adaption of Technical Progress (ATP) to Regulation (EC) No 1272/2008 was published on 15th July 2015.
Worker protection	In accordance with the following directives and their amendments: Council Directive 89/391/EEC, 12th June 1989 on the Introduction of measures to encourage improvements in the health and safety of workers at work. Council Directive 98/24/EC, 7th April 1998 on the Protection of workers from the risks related to chemical agents at work.
15.2 Chemical safety assessment	Available on request

SECTION 16 Other information

Abbreviations and Acronyms: None used.
Key Literature References and Sources of Data: See main sections.
Classification for Mixtures and Used Evaluation Method According to Regulation (EC) 1207/2008 [CLP]: See Section 2.
Relevant H/P and EUH Phrases (Number and Text): N/A

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