
**SAFETY DATA SHEET**  
 Intumescent Tape

**Compilation Date:** 30/11/2016  
**Revision No:** 1  
**Authorised by:** M. Gee

**Section 1: Identification of the substance/mixture and of the company/undertaking**
**1.1. Product Identifier**

**Product Name:** Intumescent Tape  
**Product Code:** ESPS/TSI20, TSI50

**1.2. Relevant identified uses of the substance or Mixture and uses advised against**

Intumescent is a fire resisting seal used in building joints and gaps which need to be closed in the event of fire. In fire conditions it expands many times its original volume with a stable, hard fire resistant char, preventing the spread of fire. It is particularly useful in situations where a ventilated cavity is required, allowing air flow in normal circumstances but closing to give a fire resistant barrier for up to two and a half hours in fire conditions.

**1.3. Details of the supplier of the safety data sheet**

**Company Name:** SPS Envirowall Ltd  
 Orchard House  
 Aire Valley Business Centre  
 Keighley  
 West Yorkshire  
 BD21 3DU  
 United Kingdom  
**Tel:** 01535 661633  
**Fax:** 01535 661933  
**Email:** [info@spsenvirowall.co.uk](mailto:info@spsenvirowall.co.uk)

**1.4. Emergency Telephone Number**

National Poisons Emergency Number / NHS : 111

**Section 2: Hazards identification**
**2.1. Classification of the substance or mixture**

No data available

**2.2 Label Elements**

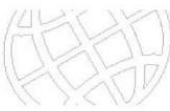
No data available

**2.3. Other Hazards**

Not subject to degree of hazardous substances.

**Section 3: Composition/information on ingredients**
**3.2. Mixtures**

Chemical nature: Thermoplastic element composition containing intercalated graphite in a synthetic compound with the addition of fillers and process oils. The intumescent element may be contained within a G'Lex flexible or rigid casing.



## SAFETY DATA SHEET

### Intumescent Tape

#### Section 4: First aid measures

##### 4.1. Description of first aid measures

**If inhaled:** N/A, solid state.

**On skin contact:** Wash thoroughly with soap and water.

**On contact with eyes:** Wash for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

**On ingestion:** Rinse mouth immediately, do not induce vomiting and seek medical attention.

#### Section 5: Fire-fighting measures

##### 5.1. Extinguishing media

**Intumescent Material is self-extinguishable**

**Suitable Extinguishing media:** Water, foam, powder and dry extinguishing media

##### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

##### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

#### Section 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** In the event of fire ensure sufficient ventilation

##### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge the product into drains or water courses; ensure materials are disposed of in accordance with Local Authority regulations and/or Government legislation.

##### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** No special measures necessary

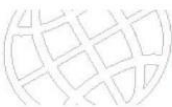
##### 6.4. Reference to other sections

**Reference to other sections:**

#### Section 7: Handling and storage

##### 7.1. Precautions for safe handling

**Handling requirements:** No special requirements. Keep away from food and drink. When handling this material materials do not eat, drink or smoke.


**SAFETY DATA SHEET**  
 Intumescent Tape

**7.2. Conditions for safe storage, including any incompatibilities**

Store dry and in a cool place (not above 35°C). Keep out of reach of children. Take care for sufficient ventilation.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**
**8.1. Control parameters**

No data available

**8.2. Exposure controls**
**Personal protective equipment:**

**General safety:** None normally required

**Respiratory protection:** None normally required, when supplied in solid form.

**Hand protection:** Appropriate protective gloves.

**Eye protection:** Appropriate protective goggles.

**Skin protection:** None normally required

**Section 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

**Form:** Solid

**Colour:** Black

**Odour:** Odourless

**Melting point/melting range:** Increase in volume by factor 25  $\geq$  180 °C

**Boiling point/boiling range:** N/A

**Flash point:** N/A

**Ignition temperature:** N/A

**Explosion limits:** None

**Density:** 1.3

**Solubility in water:** Unaffected by water

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**
**10.1. Reactivity**

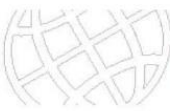
No data available

**10.2. Chemical stability**

No data available

**10.3. Possibility of hazardous reactions**

No data available



## SAFETY DATA SHEET

### Intumescent Tape

#### 10.4. Conditions to avoid

Thermal decomposition above 300 °C

#### 10.5. Incompatible materials

No data available

#### 10.6. Hazardous decomposition products

Thermal decomposition, fumes contain hydrogen chloride. However, the activated graphite is effective at removing aromatic particles from smoke emissions.

### Section 11: Toxicological information

#### 11.1. Information on toxicological effects

No data available

### Section 12: Ecological information

#### 12.1. Toxicity

**Acute toxicity:** Not applicable in solid state.

#### 12.2. Persistence and degradability

No data available

#### 12.3. Bio accumulative potential

No data available

#### 12.4. Mobility in soil

No data available

#### 12.5. Results of PBT and vPvB assessment

No data available

#### 12.6. Other adverse effects

**General advice :** Observe the legal provisions regarding the prevention of ground water and surface water as well as air. Do not discharge product into natural waters without pre-treatment.

### Section 13: Disposal considerations

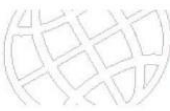
#### 13.1. Waste treatment methods

**Product** Packaging refer to local authority regulations.

**Recommendations:** Disposal of by special means in accordance with local regulations e.g. suitable deposition.

**Contaminated packaging**

**Recommendation:** N/A


**SAFETY DATA SHEET**  
 Intumescent Tape

**Section 14: Transport information**
**14.1. UN number**

UN number: N/A

**14.2. UN proper shipping name**

No data available

**14.3. Transport hazard class (es)**

No data available

**14.4. Packing group**

No data available

**14.5. Environmental hazards**

Environmentally hazardous: No

Marine pollutant: No

**14.6. Special precautions for user**
**Special precautions:** No special precautions.

**Section 15: Regulatory information**
**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

No data available

**15.2. Chemical Safety Assessment**

No data available

**Section 16: Other information**
**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 453/2010.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.