



## 1. IDENTIFICATION OF PRODUCT & COMPANY

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**Substance / Preparation**                      **Firestem Intumescent Expansion Joint**

**Supplier**                                      Firestem Ltd  
7 Cross Way  
Hillend Ind Park  
Hillend  
Dunfermline KY11 9JE

**Telephone**                                  01383 822 414

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

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Laminated strips of fire retardant foam bonded to intumescent graphite

## 3. HAZARDS IDENTIFICATION

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Not defined as hazardous according to the Chemicals (Hazards Information and Packaging) Regulations, 1993 with amendments. We nevertheless recommend that high standards of industrial hygiene are adopted when using the product, in accordance with the guidelines given below.

Long term usage, in a manner, which generates airborne dust, can cause adverse effects on the lungs. Contact with the eye or with skin can product irritation.

## 4. FIRST AID MEASURES

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**Inhalation:**                                  Not normally applicable, but dust could be generated from cutting operations. Move affected person to fresh air. In case of irritation to respiratory system, if you feel unwell, or in case of prolonged exposure, get medical attention.

**Skin Contact:**                                First rinse with water to remove any fibre fragments, then wash with plenty of soap and water. Do not use organic solvents.

**Eye Contact:**                                Rinse immediately with water for at least 10 minutes. In case of continued eye irritation, seek medical attention.

**Ingestion:**                                    Do not induce vomiting. Keep at rest and obtain immediate medical attention.

## 5. FIRE FIGHTING MEASURES

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**Suitable Extinguishing Media:** Water mist, CO<sub>2</sub>, Foam, Dry Powder.

**Avoid inhalation of smoke or fumes.**

## 6. ACCIDENTAL RELEASE MEASURES

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**Personal precautions:**                    Avoid contact with skin, eyes and clothing, and avoid dust inhalation.

**Environmental Precautions:**            Avoid release of material or fragments into the environment. Pack product in polythene sacks, for disposal. Dust or fragments should be collected by vacuum cleaner, or damped before sweeping up.

**Method for Disposal:**                      See section 13.

## 7. HANDLING AND STORAGE

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**Handling:**                                      Wear gloves if necessary.

**Storage:**                                        Stack safely in a dry area.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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**Exposure Control Limits :**

**Respiratory Protection:**                Not normally required. Allied operations, such as cutting, may generate dust and in this situation, ventilation and suitable mask/respirator may be required.

**Hand Protection:**                            Wear suitable gloves.

**Eye Protection:**                             Wear suitable goggles or facemask.

**Skin Protection:**                             Wear overalls and closed footwear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Melting Point:**                                Not applicable.

**Boiling Point:**                                Not applicable.

**Oxidising Properties:**                      Not known.

**Autoflammability:**                         Not applicable.

**Solubility (water):**                            Insoluble.

**Vapour Pressure:**                            Not known (low).

**Explosive Limits:**                            Not applicable.

**Appearance:**                                Black/white rectangular slab.

**Odour:**                                         None.

**Density:**                                        1.0 kg/m<sup>3</sup>

**Flashpoint:**                                    None.

**Volatility:**                                     Nil.

**pH (in water):**                                Approx. 7.0.

**Viscosity:**                                     Not applicable.



## 10. STABILITY AND REACTIVITY

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- Thermal decomposition:** At around 160 C the graphite begins to intumesce
- Conditions to avoid:** None.
- Materials to avoid:** Strong acids and bases.
- Decomposition products:** Above 200oC, the organic content in the product starts to evolve oxides of carbon and may release traces of harmful gases, vapour or smoke.

and legislation. The user is responsible for establishing safe procedures for using the product.

## 11. TOXICOLOGICAL INFORMATION

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Not tested on this article.

Long term inhalation of excessive quantities of mineral fibre or crystalline silica dust causes damage to the lungs.

## 12. ECOLOGICAL INFORMATION

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Not tested on this article.

## 13. DISPOSAL CONSIDERATIONS

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Pack any dust or fragments in plastic bags or other suitable containers. All waste may then be disposed of with general domestic, commercial or industrial waste, in accordance with local regulations.

## 14. TRANSPORT INFORMATION

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- Class:** Not classified.
- UN No:** Not classified.
- Road/Rail:** Not classified.
- IATA:** Not classified.
- Flashpoint:** Not applicable.

## 15. REGULATORY INFORMATION

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The product is not considered hazardous as defined by the Chemicals (Hazard Information and Packaging) Regulations, 1993 and subsequent amendments.

## 16. OTHER INFORMATION

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The Control of Substances Hazardous to Health Regulations, 1988, and the Health and Safety at Work Act, 1974, apply to the use of all products at work.

Information provided above is based on Firestems understanding of current knowledge