



1 IDENTIFICATION OF THE SUBSTANCE & COMPANY

Substance / Preparation **Firestem FireWrap**

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2 COMPOSITION / INFORMATION OF INGREDIENTS

Intumescent pipe wraps of thermoplastic sheet composite, containing intumescent compound, in polythene envelop.

3 HAZARDS IDENTIFICATION

These pipe wraps are not classified hazardous under the CHIP Regulations 1999. Refer to Section 15 - Regulatory Information. Damaged wraps may cause the composite interior to be exposed which may irritate the eyes or skin and may irritate the respiratory system.

4 FIRST AID MEASURES

Inhalation Remove person to fresh air.

Skin contact Flush skin with running water before washing with soap and water.

Eye contact Wash eyes with clean water for 10 mins. and seek medical advice if irritation persists.

Ingestion Wash mouth out and drink plenty of water.

Please note Should any symptoms persist obtain medical assistance.

5 FIRE FIGHTING MEASURES

Not combustible.

Use extinguishers appropriate to surrounding fire while observing normal fire fighting procedures and avoiding inhalation of smoke or fumes.

6 ACCIDENTAL RELEASE MEASURES

Control and suppress dust formation, vacuum or sweep up and shovel into bags.

Refer to Section 8 - Exposure / Protection and Section 13 - Disposal Considerations.

7 HANDLING AND STORAGE

Minimise and control dust when handling damaged product. Ventilate area and avoid breathing the dust.

Avoid prolonged or repeated contact with damaged products, on the skin or any eye contact.

If handling manually use the correct appropriate Manual Handling Techniques, stack safely in a dry area.

8 EXPOSURE CONTROLS / PERSONNEL PROTECTION

Occupational Exposure Limits

Substance

(MMMFM) Man Made Mineral Fibre

(MMMFM) 5mg/m³ 8hr TWA MEL (Max. Exposure Limit).

Graphite 10mg/m³ 8hr TWA total inhalable dust OES.

Graphite 5mg/m³ 8hr TWA respirable dust OES.

Refer to the current edition of HSE EH40 - Occupational Exposure Limits.

Personal Protection

If exposed to composite interior :

Respiratory Control dust formation and ventilate the area of work. If dust can not be controlled wear a half face mask to EN 149 Class FFP 2s.

Skin To avoid skin contact, wear protective gloves and overalls.
To reduce the effect of skin contact, apply a barrier cream to the hands.

Eye If dust is likely wear safety goggles to BS EN 166.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance Black slab in a white envelope.

Dry density Varies.

Flashpoint Not applicable.

Explosive limits Not applicable.

Melting point +120 C (paint / polythene melts).
+160 C (composite intumesces).

10 STABILITY AND REACTIVITY

Thermal decomposition The plastic cover starts melting at 120 C. Above 160 C the composite interior starts intumescenting.

Conditions to avoid None.

Materials to avoid Strong acids or bases.

Decomposition products At temperatures above 200 o C, the small organic content in the product start to evolve oxides of carbon and may release traces of harmful gases, vapours or smoke.



11 TOXICOLOGICAL INFORMATION

Not classified as a carcinogen under the European Commission Directive 97/69/EC.

12 ECOLOGICAL INFORMATION

Stable product with no known adverse effects.

13 DISPOSAL CONSIDERATIONS

Pack any dust fragments in plastic bags or other suitable containers. Dispose at an authorised landfill site according with local or national controls.

14 TRANSPORT INFORMATION

Not classified as hazardous for transport.

15 REGULATORY INFORMATION

These products are not classified as hazardous under CHIP 99 - The Chemicals (Hazard, Information and Packaging) (Amendment) Regulations 1999.

COSHH Regulations - Schedule 1:

MEL of 5 mg/m³ dust, 8 hour TWA

16 OTHER INFORMATION

Safety Data Sheet prepared in accordance with CHIP 99 and Directive 97/96/EC.

Sources of key data used to compile this Safety Data Sheet

Health & Safety Executive Guidance Note: EH46 - Man-Made Mineral Fibres (MMMF).

Health & Safety Executive Guidance Note: EH40 - Occupational Exposure Limits.

COSHH - The Control of Substances Hazardous to Health Regulations 1999.

Recommended uses

Fire resistant intumescent pipe wraps for use in conjunction with the Firestems Passive Firestopping Range. To seal the joints and junctions of service penetrations, to provide a barrier to the passage of heat and smoke.

This information reflects typical values and is not a production specification.

No warranty is hereby expressed or implied.

Note to User

This Safety Data Sheet does not constitute the user's own workplace risk assessment, which is required under COSHH (The Control of Substances Hazardous to Health) Regulations 1999.