



1 IDENTIFICATION OF THE PRODUCT & COMPANY

Substance Firestem Fire Pillow

Supplier Firestem Ltd
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2 COMPOSITION / INFORMATION OF INGREDIENTS

Glass-cloth bags made almost airtight with flexible polymer treatment; containing a mixture of chopped exfoliating fillers and other harmless intumescent compound.

3 HAZARDS IDENTIFICATION

These pillows are not classified hazardous under the CHIP Regulations 1999. Refer to Section 15 - Regulatory Information.

Damaged bags may expose the interior and cause dust to be generated 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 eye 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

Materials are essentially non combustible, but polymer treatment on the glass-cloth may give transient flaming.

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 pillows. Ventilate area and avoid breathing the dust.

Avoid prolonged or repeated contact with damaged product, 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
Man Made Mineral Fibre (MMMF).

(MMMF). 5mg/m³ 8hr TWA MEL (Maximum Exposure Limit).

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

If exposed to composite interior of damaged pillows :

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 Small flat bags in three sizes - small, medium, and large.

Dry density 0.5kg/ml.

Flashpoint Not applicable.

Explosive limits Not applicable.

Melting point 160°C.

10 STABILITY AND REACTIVITY

Thermal decomposition The filler component starts decomposing at 160°C with minor evolutions of water vapour.

At above 250°C small amounts of organic decomposition products are evolved from the fabric treatment.

Conditions to avoid None.

Materials to avoid Strong acids or bases.

Decomposition products Produces water vapour initially; at higher temperatures, the small organic content in the product evolves 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. No link between exposure to mineral wool fibres and lung disease or any other chronic effects.

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 - require control of exposure to MMMF to below Maximum Exposure Limits in EH40:
(MMMF = 5 mg/m³ dust, 8 hour TWA (gravimetric)).

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 Notes EH46 - Man-Made Mineral Fibres (MMMF).
Health & Safety Executive Guidance Notes EH40 - Occupational Exposure Limits.
COSHH – the Control of Substances Hazardous to Health Regulations 1999.
Recommended uses
Fire Resistant pillows for use in conjunction with the Firestem 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.