



C300P – Intumescent Pillows

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company information

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Product information

Product Name : Intumescent Pillows
Application : Fire safety

Is the material listed as a known or suspected carcinogen ? : No
Is asbestos used as an ingredient in making the product ? : No
Is Mercury used in the product in any way ? : No

SECTION 2: HAZARDS IDENTIFICATION

None

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Graphite Impregnated PVC compound/inorganic mineral filler. Mixture in a glass fibre bag.

SECTION 4: FIRST AID MEASURES

Inhalation : Not applicable
Ingestion : Wash out mouth with plenty of water. Give plenty of water to drink and seek medical advice
Skin contact : Not applicable
Eye contact : In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice

SECTION 5: FIRE-FIGHTING MEASURES

The material will emit acid smoke and irritating fumes on combustion, forming corrosive hydrochloric acid.

Suitable extinguishing media: Foam, carbon dioxide or dry powder.

Extinguishing media that must not be used for safety reasons: Water - Upon extinguishing with water, the material will produce hydrochloric acid, that is corrosive.

Combustion products: Carbon dioxide, Carbon monoxide, Hydrogen Chloride, Oxides of chlorine (ClO/ClO₂).

Special protective equipment for fire fighters: Full chemical protective clothing and observe normal fire fighting procedures



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SECTION 6: ACCIDENTAL RELEASE MEASURES

No special measures required

SECTION 7: HANDLING AND STORAGE

No special precautions necessary unless bag splits and releases contents.

Store in a cool, dry, well ventilated place.

Store away from strong oxidising agents or alkali metals

Keep away from sources of ignition

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Control	: None if bag is intact. If bag splits, Maximum exposure limit (MEL) 5mg/m ³ , 8 hour time weighted average gravimetric measure. If the MEL is likely to be exceeded (for example working in confined spaces), disposable face masks complying with BS EN149 FFP1 or FFP2 should be used and are suitable for most applications.
Hand protection	: Not normally required but suitable gloves can be worn.
Eye protection	: Safety glasses to be worn at all times.
Skin protection	: No special requirements but light protective clothing can be worn.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Grey PVC coated bag
Odour	: N/A
pH (at 1000g/H ₂ O, 25°C)	: Neutral
Boiling point	: N/A
Melting point	: Approx. 180°C
Flash point	:
Flammability	:
Auto-flammability	:
Explosive properties	: N/A
Oxidising properties	: N/A
Vapour pressure	: N/A
Fibre density	: N/A
Solubility	: Insoluble
Partition coefficient	: N/A
Other data	: N/A



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SECTION 10: STABILITY AND REACTIVITY

- Stability : Stable at room temperature.
- Reactivity : Unstable with strong oxidising agents and alkaline metals
- Thermal decomposition products : When the product is heated to approximately 180c, the intumescent material Starts to exfoliate and releases decomposition gases. The duration of release will depend on the size of the pillow used.

SECTION 11: TOXICOLOGICAL INFORMATION

No toxic effects.

SECTION 12: ECOLOGICAL INFORMATION

Not readily bio-degradable

Eco-toxicity: Slightly toxic to aquatic life

SECTION 13: DISPOSAL CONSIDERATIONS

No special precautions. Dispose of in accordance with local authorities requirements

SECTION 14: TRANSPORT INFORMATION

No regulations apply for the transport of this material. Not classified as hazardous for the road, sea or air transport.

SECTION 15: REGULATORY INFORMATION

Wear suitable protective clothing.

Not classified as dangerous under CHIP regulations 1994/ amendments 1997.

SECTION 16: OTHER INFORMATION

Health and Safety Executive Guidance Note EH40 – Occupational Exposure Limits.

Health and Safety Commission 'The Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regulations.

This information reflects typical values and is not a product specification. No warranty expressed or implied is hereby made.

The information contained in this document does not constitute the users own assessment of workplace risk as required by other Safety legislation.