FIREPROTECT

Material Safety Data Sheet

Intumescent Paper With & Without Self-Adhesive Backing

MSDS NUMBER: FP-01PATtf DATE OF LAST REVISION: 23-03-2022

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

IDENTIFICATION OF THE PRODUCT

The above product is a fibrous intumescent material laminated with a Self -Adhesive Backing (SAB)
Product is in coil form of various widths and lengths.
Intumescent tape has a product code of 6285 followed by their grade i.e. 62851,62852,62853,64854. The grade is in relation to the expansion rate of the material. The higher the grade, the greater the expansion rate.
All FCL intumescent tape come in 1mm to 4 mm thickness.

USE OF PRODUCT

Restricted to "professional users" Tecnofire Paper is used as a bedding material for fire resistant glazing systems and fire doors but has many other applications. (see data sheet)

IDENTIFICATION OF THE COMPANY

Fireprotect (Chester) Limited
Fireprotect House
Factory Road
Sandycroft
Flintshire
CH5 2QJ

Tel No: 01244 536595
Fax No: 01244 533592

Contact: Niky Baker

e-mail: sales@fireprotect.co.uk

2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION

Chemical Constitution (Excluding non-hazardous release paper)

COMPONANT	Conc.wt %	CAS Number
Mineral Wool Fibre	20-70	
Exfoliating Graphite	20-60	
Organic Binder	5.0-30	

3. HAZARDS IDENTIFICATION

IRRITANT EFFECT: Mild mechanical irritation to skin, eyes and upper respiratory system may result from exposure. These effects are usually temporary

Based on animal studies, excessive exposure to man made fibre dust may cause lung damage (fibrosis) and tumours.

Pre-existing skin and respiratory conditions including dermatitis, asthma or chronic lung disease, might be aggravated by exposure.

4. FIRST-AID MEASURES

Eyes: In case of eye contact flush abundantly with water; have eye bath available.

Skin: In case of skin irritation rinse affected areas with water and wash gently. Do Not use detergent.

Ingestion: drink plenty of water. Seek medical advice.

Inhalation: Remove to fresh air, drink water and clear throat and blow nose to evacuate fibre/dust. Seek medical attention.

5. FIRE FIGHTING MEASURES

The intumescent material itself is non-combustable, however self adhesive backing is combustable and will give of fumes and vapour if in a fire. Also packing and surrounding materials may be combustible
Use extinguishing agent suitable for surrounding combustible materials.

6. ACCIDENTAL RELEASE MEASURES

Product should be used in a well ventilated area, with person(s) using product wearing appropriate protective equipment as detailed in section 8.
Any excess dust should be allowed to settle then vacuumed, using a High Efficiency Filter **(HEPA)**
Do not brush.
Do not use compressed air to clean
Do not flush spillage to drain and prevent from entering natural water courses.
Check for local regulations, which may apply

7. HANDLING AND STORAGE

Handling: Keep dust generation to a minimum by keeping product in its sealed packaging until required for use.

Storage: Store in a dry, cool allocated area. Keep in original wrapping until required for use.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Limits: Exposure limits may differ from country to country. Check those currently applying in your country and comply with local regulations

Examples of exposure limits in January 2002 are given below:

Man made mineral fibre: *MEL 2.0 fibres/ml & 5mg/m3
*OES 3.5 mg/m3 (8hr TWA) and 7mg/m3 (STEL)
*=(UK HSE – OEL EH40/98

Respiratory Protection: Disposable dust respirator (e.g.; 3M 8810 or equivalent)
Hand Protection: Use of gloves is recommended
Eye Protection: Wear goggles or safety glasses with side shields. Do not wear contact lenses.
Skin Protection: Wear overalls that are loose fitting at the neck and wrists.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Flexible grey fibrous material with black speckle

Density: 200-500kg/m3

Expansion: Rapid volumetric expansion occurs when products is heated above 200C

Flammability: Material will sustain combustion for a short period until organic binder (and SAB coating) is burnt out or resulting expansion self extinguishes

10. STABILITY AND REACTIVITY

Stability: Stable

Materials to Avoid: Exposure to strong oxidising agents, strong alkalis and hydrofluoric acid.

Hazardous Decomposition: Combustion products are H_2O, CO, CO_2, NOx and hydrocarbons.

11. TOXICOLOGY INFORMATION

EEC Directive 97/69/CE - Classicification of man made vitreous fibres classifies mineral wool fibres as category 3 “possible carcinogen” and category 0 “irritant to skin”

12. ECOLOGICAL INFORMATION

Ecotoxicity: The product will remain stable over time with the inorganic components remaining inert.

13. DISPOSAL CONSIDERATIONS

Waste is not classified an s a hazardous waste and may be disposed of at a normal licensed waste site. Local regulations should be considered; Waste should be bagged or suitably contained to prevent any dust being wind blown during disposal.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport