



F I R E P R O T E C T

Material Safety Data Sheet

Ceramic Glazing Tape

MSDS NUMBER: FP-01PAT

DATE OF LAST REVISION: 01/2013

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

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The above product is a White fibrous material laminated with a Self Adhesive Backing (SAB) Product is in coil form of various widths and lengths.

USE OF PRODUCT

Restricted to "professional users" Ceramic tape is used as a bedding material for fire resistant glazing systems and fire doors.

IDENTIFICATION OF THE COMPANY

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2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION

Chemical Constitution (Excluding non-hazardous release paper)

COMPONANT	Conc.wt %	CAS Number
Alumino silicate fibres (RCF)	70 - 91	142 844 - 00 - 6
Organic Binder/adhesive	9 - 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

CHRONIC RESPIRATORY HEALTH EFFECTS: RCF's have been classified by the EU as a category 2 carcinogen ("substances which should be regarded as if they are carcinogenic to man")

The International Agency for Research on Cancer (IARC) reaffirmed that group 2B ("possibly carcinogenic to humans") remains the appropriate classification for RCF.

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. Do not rub eyes.

Skin: In case of skin irritation rinse affected areas with water and wash gently. Do not rub or scratch exposed skin.

Nose & Throat: If these become irritated move to a dust free area, drink water and blow nose. If symptoms persist, seek medical advice.

5. FIRE FIGHTING MEASURES

Ceramic tape material itself is non-combustible, however Self Adhesive Backing is combustible and will give off 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:

United Kingdom	2.0 f/ml	HSE EH40 Maximum Exposure Limit
Germany	0.5 f/ml	TRGS 900
France	0.6 f/ml	Circulaire DRT no 954 du 12/01/95

Respiratory Protection: Disposable dust respirator (eg; 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

Physical State:	Solid
Odour:	Odourless
Melting Point:	1260 °C (FCL C tape – SAB)
Explosive Limits:	None
Density:	150 – 300kg/m ₃
Flammability:	Material will burn for a short period until the organic binder, adhesive and release paper is burnt out.

10. STABILITY AND REACTIVITY

Stability: Stable

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

Hazardous Decomposition: Combustion products are H₂O, CO, CO₂, NO_x and hydrocarbons.

11. TOXICOLOGY INFORMATION

Inhalation: Irritating to the upper respiratory system

Skin Contact: Mechanical Irritant to skin

Eye Contact: May cause irritation to eyes.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Disposal: RCF is categorised as a stable non-reactive hazardous waste, which can generally be disposed of at landfill, which has been licensed for this purpose. Please refer to the European list (Decision no 2000/532/CE as modified) to identify your appropriate waste number, and insure national and or regional regulations are complied with.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport

15. REGULATORY INFORMATION

Classification: Carcinogen Category 2 : Irritant

Symbol: **Attention:** This product contains Refractory Ceramic Fibres
Based on animal tests, RCF may cause cancer by inhalation
Mechanical irritant to skin
Minimise dust
See ECFIA code of practice and Material Data Sheet before use
RCF has been classified as a category 2 carcinogen under European Directive 67/548

