

PFC Corofil Insulated Fire Sleeves CIFS

Safety Data Sheet: SDSCIFS

Revision 2

Revision Date: 09/01/2024

Next Review: 09/01/2026

Section 1: Identification of substance or mixture and company

1.1. Product identifier

Product name: PFC Corofil Insulated Fire Sleeves CIFS

1.2. Relevant identified uses of the substance or mixture and uses advised against

Designed for fitting around plastic and metal pipes that penetrate walls and floors. Expands when heated to form a fire stop.

1.3. Details of the supplier of the safety data sheet

PFC Corofil
Units 3 & 4, King George's Industrial Estate
Davis Road
Chessington
Surrey
KT9 1TT

Tel: +44 (0)208 391 0533 (hours of operation 09:00-17:00 Monday-Friday)

Fax: +44 (0)208 391 2723

Email: tech@pfc-corofil.com

1.4. Emergency telephone number

+44 (0)208 391 0533 (hours of operation 09:00-17:00 Monday-Friday)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Not classified.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Supplemental hazard information (EU):

These products are not hazardous in the form in which they are shipped by the manufacturer.
These products contain low bio-persistence mineral fibres.

2.3. Other hazards

There may be low levels of dust as a result of downstream activities such as cutting and machining.

Section 3: Composition & information on ingredients

3.1. Composition of product

The products are made from low bio-persistence mineral fibres, organic fibres, binders, and intumescent graphite.

Section 4: First aid measures

4.1. Description of first aid measures

General information:	The main hazards arise from any downstream activities such as cutting and machining.
Following inhalation:	Avoid breathing dust. Use suitable local exhaust ventilation. If breathing difficulties are experienced whilst machining, remove to fresh air or a ventilated area and seek medical advice.
Following skin contact:	If possible, vacuum excessive dust from clothes as well as skin and hair. Wash and clean contaminated skin with soap and water.
Following eye contact:	Irrigate abundantly with water, seek medical attention.
Following ingestion:	If small quantities are ingested seek medical advice.
Self-protection for first aider:	Avoid breathing dust. Wear suitable personal protective equipment.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms and effects:

Dust may cause mechanical irritation such as eye irritation, coughing and sneezing. Repeated exposure to dust may cause chronic lung disease.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for Doctor:	None required.
Special Treatment:	None required.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water jet spray, foam, sand, carbon dioxide, extinguishing powder.

Unsuitable extinguishing media: None

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

May produce small amounts of carbon dioxide and carbon monoxide. Test results have demonstrated that halogen content is less than 20ppm.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus to an appropriate standard with positive pressure. Wear skin protection sufficient to protect from thermal decomposition products.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Avoid inhaling dust. Use appropriate protective clothing.

Protective equipment: Where dust is generated wear approved half or full face air purifying respirator.

Emergency procedures: Avoid inhaling dust.

For emergency responders: Avoid inhaling dust.

Personal protective equipment: Protective clothing and equipment should be provided for operators carrying out cutting and machining operations.

6.2. Environmental precautions

Prevent spread of dust.

6.3. Methods and materials for containment and cleaning up

For containment: Use suitable local exhaust ventilation to remove dust during cutting and machining operations.

For cleaning up: Remove dust using an appropriate vacuum cleaner.

6.4. Reference to other sections

See Section 7 for Handling and Storage and Section 8 for Protective Equipment.

Section 7: Handling and storage

7.1. Precautions for safe handling

Protective measures: No special protective measures are normally required.

Fire prevention: Not flammable.

Aerosol and dust generation prevention: Not applicable.

Environmental precautions: No special precautions are required.

Advice on general occupational hygiene: Wear protective clothing.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: Maintain dry conditions and avoid direct sunlight and extreme temperatures.

Packaging materials: Cardboard, card cartons, polythene

Requirements for storage rooms and vessels: Dry location.

Hints on storage assembly: Take care not to exceed safe working loads and heights for storage shelves and racks.

Storage class: Not applicable.

Materials to avoid: No special requirements.

Further information on storage conditions: Not applicable.

7.3. Specific end use(s)

Recommendations: Not applicable.

Specific end uses: See references to dust hazards during cutting and machining, Section 4.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

Nuisance dust:

OEL (UK): < 5 mg/m³ 8 hour TWA tot. inhalable dust < 2 mg/m³ 8 hour respirable dust

8.2. Exposure controls

Fit and use appropriate local exhaust ventilation systems for cutting and machining operations.

Maintain a clean workspace and use a vacuum cleaner.

Section 9: Physical and chemical properties

9.1. Table of properties

Physical State:	Solid material
Appearance:	Various formed shapes
Colour:	Grey
Odour:	Not applicable
Odour threshold:	Not applicable
pH:	Not applicable
Melting/Freezing Point:	Not applicable
Boiling point:	Not applicable
Flash point:	Not applicable
Evaporation rate:	Not applicable
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits:	Not applicable
Upper explosive limit:	Not applicable
Lower explosive limit:	Not applicable
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Relative density:	200 kg/m ⁻³
Solubility:	Not soluble in water
Partition coefficient n-octanol/water:	Not applicable
Auto-ignition temperature:	Not applicable
Decomposition temperature:	Not applicable
Dynamic viscosity:	Not applicable
Kinematic viscosity:	Not applicable
Explosive properties:	Not applicable
Oxidising properties:	Not applicable

Section 10: Stability and reactivity

10.1. Reactivity

Stable and non-reactive.

10.2. Chemical stability

Stable and inert.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Incompatible with strong acids and alkalis. Consult PFC Corofil.

10.5. Incompatible materials

No hazardous reactions known.

10.6. Hazardous decomposition products

None.

Section 11: Toxicology information

11.1. Information on toxicological effects

This material does not show any significant toxicological effects or critical hazards.

Section 12: Ecological information

12.1. Toxicity

These products are insoluble in water and remain stable over time.

12.2. Persistence and degradability

Not established.

12.3. Bio-accumulative potential

Not established.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The product does not contain substances that are considered as either PBT or vPvB.

12.6. Other adverse effects

No other additional information available.

Section 13: Waste Treatment Methods

13.1. Product/Packaging Disposal

Waste Treatment Options: See local regulations.

Section 14: Transport information

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

Hazard Labels: Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No specific regulations.

15.2. Chemical Safety Assessment

Not carried out.

Section 16: Other information

16.1. Indication of changes

All sections updated January 2024

16.2. Abbreviations and acronyms

None used.

16.3. Key literature references and sources of data

See main sections.

16.4. Classification for mixtures and used evaluation method according to Regulation (EC) 1207/2008 [CLP]

See Section 2.

16.5. Relevant R-, H- and EUH Phrases (number and text)

Not applicable.

16.6. Training advice

Please consult PFC Corofil for further information.

16.7. Further information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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