

PFC Corofil Insulated Fire Sleeves CIFS

Safety Data Sheet: SDSCIFS

According to Regulation (EC) No. 1907/2006 (REACH)

Revision Date: 09/11/2021

Next Review: 08/11/2023

Section 1: Identification of substance/mixture and of the company/undertaking

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 08:00-17:00 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 08:00-17:00 Monday-Friday)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

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

The product is not classified according to CLP regulation.

2.2. Label elements

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

The product has not been classified and marked in accordance with Regulation (EC) No 1272/2008.

Supplemental hazard information (EU):

These products contain low bio-persistence mineral fibres.

These products are not hazardous in the form in which they are shipped by the manufacturer.

However, they may produce low levels of fibre-containing dust as a result of downstream activities such as cutting.

2.3. Other hazards

Mild mechanical irritation to skin, eyes and upper respiratory system may result from exposure, however any effects are usually temporary.

Section 3: Composition & information on ingredients

These products are made from varying amounts of low bio-persistence mineral fibres, graphite, organic fibres and binders.

Section 4: First aid measures

4.1. Description of first aid measures

General Information:	The main hazards arise from downstream activities such as cutting.
Following Inhalation:	Avoid breathing dust. If breathing difficulties are experienced whilst cutting, 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 clean water. Clothes should be washed professionally.
Following Eye Contact:	In case of eye contact, irrigate abundantly with water. Seek medical attention.
Following Ingestion:	If small quantities are ingested, seek medical advice.
Self-Protection for First Aider:	Wear suitable personal protective equipment to avoid inhaling dust.

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

Symptoms:	No symptoms expected.
Effects:	No effects expected.

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: Not flammable.

Unsuitable extinguishing media: Not applicable.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: None.

5.3. Advice for fire-fighters

None required.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Avoid inhaling dust.

Protective equipment: Protective clothing should be provided for operators along with protective equipment shown in Section 8.

Emergency procedures: None required.

For emergency responders: Avoid inhaling dust.

Personal protective equipment: Protective clothing should be provided along with protective equipment shown in Section 8.

6.2. Environmental precautions

Remove dust by using a vacuum cleaner fitted with 'H' type filters. Where vacuum cleaning is not possible, dampen down dust and collect whilst still damp. Suitable bags are required for disposal.

Dust should be packaged into impermeable plastic sacks which should be sealed. Such waste should then be disposed of according to local regulations.

6.3. Methods and materials for containment and cleaning up

For containment: Dampen down any dust spillages as soon as possible and collect whilst still damp.

For cleaning up: Remove dust using vacuum with 'H' type filters and suitable bags for containment.

Dust should be packaged into impermeable plastic sacks which should be sealed. Such waste should then be disposed of according to local regulations.

6.4. Reference to other sections

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.

Advice on safe handling: Normal safe precautions for handling can be employed.

Fire prevention: Products are not flammable.

Aerosol and dust generation prevention: Small amounts of dust may be generated if products are allowed to abrade against each other.

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:

Both un-cut and cut products should be packed to prevent movement and abrasion during transit and to prevent absorption of water.

Otherwise normal safe precautions for storage can be used.

To avoid damage and distortion, store on a smooth level surface, in a fully supported position off the ground and in a dry place.

Packaging materials:

Card cartons.

Requirements for storage rooms and vessels:

Dry location.

Hints on storage assembly:

The product is not considered to be a dense material but care should be taken not to exceed safe working loads for equipment and storage shelves or 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, Section 4.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Reference should be made to local and country-specific occupational exposure limits for dust and low bio-persistence mineral fibres.

UK monitoring methods can be found as follows:

MDHS 14/4 - General methods of sampling and gravimetric analysis of thoracic and inhalable aerosols.

MDHS 59 - Machine-made fibres airborne number concentration and classification by phase contrast light microscopy.

NIOSH 0500 - Particulates not otherwise regulated, total.

NIOSH 0600 - Particulates not otherwise regulated, respirable.

NIOSH 7400 - Asbestos and other fibres by PCM.

8.2. Exposure controls

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

Maintain a clean workspace using a vacuum cleaner.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State:	Solid material
Appearance:	Formed product
Colour:	Grey
Odour:	Not applicable
Odour threshold:	Not applicable
pH:	Not applicable
Melting/Freezing Point:	Not applicable please consult PFC Corofil for maximum working temperatures.
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

None.

10.4. Conditions to avoid

None.

10.5. Incompatible materials

None.

10.6. Hazardous decomposition products

None.

Section 11: Toxicology information

11.1. Information on toxicological effects

Exposure is mainly due to low levels of dusts generated during downstream activities such as cutting.

Low bio-persistence mineral fibres as used in these products have been developed to be quickly and effectively cleared from lung tissues.

Acute Effects

Acute Inhalation Toxicity: Nose and throat irritation.

Skin Irritation: Mild irritation.

Eye Irritation: Irritation.

Chronic Effects

Respiratory or Skin Sensitisation: Irritation of both the respiratory tract and skin is by mechanical means and is not the result of an allergic reaction or chemical damage.

Section 12: Ecological information

12.1. Toxicity

The product is insoluble in water and remains stable over time. The major constituents are similar in their chemical composition to naturally occurring materials and minerals.

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: Disposal considerations

13.1. Waste treatment methods

Product/Packaging Disposal: Packaging can be cleaned and recycled.

Waste Treatment Options: Waste from the product may be disposed of in landfill according to local regulations.

Section 14: Transport information

14.1. UN number

Product is not dangerous according to current transport regulations.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

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

EU Regulations: Regulation (EC) No 1907/2006, 18th December 2006, on Regulation, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EC) No 1272/2008, 20th January 2009, on Classification, Labelling and Packaging of Substances and Mixtures (OJL 353).

The 7th Adaption of Technical Progress (ATP) to Regulation (EC) No 1272/2008 was published on 15th July 2015.

Worker protection: In accordance with the following directives and their amendments:

Council Directive 89/391/EEC, 12th June 1989 on the Introduction of measures to encourage improvements in the health and safety of workers at work.

Council Directive 98/24/EC, 7th April 1998 on the Protection of workers from the risks related to chemical agents at work.

15.2. Chemical Safety Assessment

Available on request.

Section 16: Other information

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 H/P and EUH Phrases (number and text)

Not applicable.

16.7. Further information

For further information, visit www.pfc-corofil.com