

PFC Corofil Cavity Fire Barrier CCFB

Safety Data Sheet: SDSCCFB

Revision 1

Revision Date: 15/11/2023

Next Review: 17/11/2025

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

1.1. Product identifier

Product name: PFC Corofil Cavity Fire Barrier CCFB

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

1.2.1. Relevant identified uses

Designed to provide a fire stop within cavities of external wall constructions.

1.2.2. Uses advised against

No information provided. See 1.2.1.

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)

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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

2.1.1. Classification in accordance with CLP Regulation (EC) No. 1272/2008 [and, accordingly, the GB CLP Regulation]

Not classified.

2.1.2. Most important effects listed in Sections 9 to 12

The mechanical effect of coarse fibres in contact with skin, throat or eyes may cause temporary itching. When first heated above approximately 150°C, release of binder components and binder decomposition products can occur, which in high concentrations may irritate the eyes and respiratory system.

2.2. Label elements

Hazard pictograms, signal words, hazard statements and precautionary statements in accordance with CLP Regulation (EC) No. 1272/2008: None.

2.3. Other hazards

Other hazards which do not result in classification: dust can be generated during cutting or fabrication of the product.

Section 3: Composition & information on ingredients

3.1. Substances

Name	EC identification number	REACH registration number	Content (% weight)	Classification, labelling and packaging (EU Regulation (CE) 1272/2008)
Stone wool ¹	926-099-9	01-211-947-2313-44	95 - 100%	Not classified
Mineral oil			0 - 0.5%	Not classified

¹ Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content greater than 18% by weight and fulfilling one of the Nota Q conditions of Regulation 1272/2008.

PFC Corofil stone wool products may be supplied with facings of aluminium foil, mineral tissue, etc.

3.2. Mixtures

Name	EC identification number	REACH registration number	Content (% weight)	Classification, labelling and packaging (EU Regulation (CE) 1272/2008)
Synthetic thermosetting polymer binder			0 - 5%	Not classified
Silicon oil/emulsion ²			0 - 0.5%	Not classified

² Silicon oil and silicon emulsion are used in certain PFC Corofil stone wool products.

Section 4: First aid measures

4.1. Description of first aid measures

- (i) First aid measures (general):
If exposure symptoms persist, seek medical attention.
- (ii) First aid measures after inhalation:
Remove from exposure. Rinse throat and clear dust from airways. Rest in a position comfortable for breathing.
- (iii) First aid measures after skin contact:
Remove and wash contaminated clothing. Rinse skin with water.
- (iv) First-aid measures after eye contact:
Immediately flush eyes thoroughly with water for at least 15 minutes. Seek medical attention.
- (v) First-aid measures after ingestion:
Rinse mouth immediately and drink plenty of water.

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

Symptoms or effects after eye contact: May cause physical irritation upon direct contact.

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

If adverse reaction or discomfort continues from any of the above exposures, seek medical advice.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water, foam, carbon dioxide (CO₂), and dry powder.

Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard: None. PFC Corofil stone wool insulation is rated A1 in accordance with EN 13501-1.

Explosion hazard: Not explosive.

5.3. Advice for fire-fighters

No advice specific to the product. General guidance: use personal protective equipment appropriate to the prevailing conditions.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Use personal protective equipment as detailed in Section 8.

6.1.2. For emergency responders

Use personal protective equipment appropriate to the circumstances.

6.2. Environmental precautions

No environmental precautions specific to the product. General guidance: keep spills away from drains, surface and ground water.

6.3. Methods and materials for containment and cleaning up

6.3.1. How to contain a spill

No containment techniques specific to the product. General guidance: keep spills away from drains, surface and ground water.

6.3.2. How to clean-up a spill

Place waste in containers suitable for disposal. Use vacuum cleaner or dampen with water spray prior to sweeping up. Ensure good ventilation.

6.3.3. Further information

No further, relevant information.

6.4. Reference to other sections

Refer to Section 8 (personal protection) and Section 13 (disposal).

Section 7: Handling and storage

7.1. Precautions for safe handling

7.1.1. Recommendations for safe handling

Avoid unnecessary handling of product once unwrapped.

No containment techniques specific to the product. General guidance: keep spills away from drains, surface and ground water.

Use vacuum cleaner or dampen with water spray prior to sweeping up.

Ensure good ventilation.

Refer to Section 8 (personal protection) and Section 13 (disposal).

7.1.2. General occupational hygiene

- (a) do not eat, drink or smoke in work areas.
- (b) wash hands after use.
- (c) remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Suitable storage conditions: Where possible, store product in original packaging. Keep dry and protect against mechanical damage.

Incompatible materials: None under normal conditions of use.

Packaging: Products typically packed in polyethylene film, cardboard and/or on wooden pallets.

7.3 Specific end use(s)

Thermal insulation, acoustic insulation and fire protection in building construction applications, in accordance with PFC Corofil recommendations.

Section 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National limit values

UK workplace exposure limit (WEL) in accordance with HSE guidance EH40:
Long-term exposure limit (8-hr TWA reference period); 5mg/m³ gravimetric measure (total inhalable dust) and 2 fibres/ml airborne fibre limit.

Short-term exposure limit: None.

DNEL/PNEC: Not applicable.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation.

8.2.2. Individual protection measures, such as personal protective equipment

(a) Eye/face protection:

Wear safety goggles (EN 166) when working above shoulders.

(b) Skin protection:

- (i) Hand protection: Wear protective gloves (EN 388).
- (ii) Other: Cover exposed skin to avoid possible itching.

(c) Respiratory protection:

- (i) Respiratory protection (general): Wear face mask (EN 149, FFP1) in confined spaces and during operations that generate any type of dust above relevant exposure limits.
- (ii) Respiratory protection (high temperature): When first heated at high temperatures not usually found in building applications (above approximately 150°C), the product binder will slowly decompose, and trace gases will be released. When high temperature appliances are first put into service, gases should be vented to control exposure to fumes or appropriate respirators used.

(d) Thermal hazards:

Not relevant.

8.2.3. Environmental exposure controls

No environmental exposure controls specific to the product. General guidance: keep spills away from drains, surface and ground water.

8.3. Additional information

The following text and pictograms are printed on product packaging:

The mechanical effect of fibres in contact with skin may cause temporary itching.



Cover exposed skin. When working in unventilated area wear disposable face mask



Rinse in cold water before washing



Clean area using vacuum equipment



Ventilate working area if possible



Waste should be disposed of according to local regulations



Wear goggles when working overhead

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

(a) Physical state:	Solid.
(b) Colour:	Grey-green.
(c) Odour:	No distinguishable odour.
(d) Melting point/freezing point:	Not relevant.
(e) Boiling point or initial boiling point and boiling range:	Not applicable.
(f) Flammability:	Not capable of catching fire or being set on fire.
(g) Lower and upper explosion limit:	Not explosive.
(h) Flash point:	Not applicable.
(i) Auto-ignition temperature:	Not applicable.
(j) Decomposition temperature:	Not applicable.
(k) pH:	Not applicable.
(l) Kinematic viscosity:	Not applicable.
(m) Solubility:	Insoluble in water.
(n) Partition coefficient n-octanol/water (log value):	Not applicable.
(o) Vapour pressure:	Not applicable.
(p) Density and/or relative density:	45 kg/m ³
(q) Relative vapour density:	Not applicable.

9.2. Other information

No further, relevant information.

Section 10: Stability and reactivity

10.1. Reactivity

Not reactive.

10.2 Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

None under normal conditions of use.

10.4. Conditions to avoid

None under normal conditions of use.

10.5. Incompatible materials

None under normal conditions of use.

10.6. Hazardous decomposition products

When heated above approx. 150°C for the first time, release of binder decomposition products occurs. See Section 8.2.

Section 11: Toxicology information

11.1. Information on toxicological effects

- | | |
|--|-----------------|
| (a) Acute toxicity: | Not classified. |
| (b) Skin corrosion/irritation: | Not classified. |
| (c) Serious eye damage/irritation: | Not classified. |
| (d) Respiratory or skin sensitisation: | Not classified. |
| (e) Germ cell mutagenicity: | Not classified. |
| (f) Carcinogenicity: | Not classified. |
| (g) Reproductive toxicity: | Not classified. |
| (h) STOT-single exposure: | Not classified. |
| (i) STOT-repeated exposure: | Not classified. |
| (j) Aspiration hazard: | Not classified. |

11.2. Additional information

The mechanical effect of coarse fibres in contact with skin, throat or eyes may cause temporary itching.

Section 12: Ecological information

12.1. Toxicity

None.

12.2. Persistence and degradability

None.

12.3. Bio-accumulative potential

None.

12.4. Mobility in soil

None.

12.5. Results of PBT and vPvB assessment

None.

12.6. Other adverse effects

None.

Section 13: Disposal considerations

13.1. Waste treatment methods

- (a) Place waste in containers suitable for disposal.
- (b) PFC Corofil stone wool insulation is non-hazardous waste - List of Wastes code, 17 06 04.
- (c) Waste should not be disposed of in drains or sewers.
- (d) PFC Corofil stone wool insulation waste is categorised as “waste accepted at landfills for non-hazardous waste” in accordance with landfill regulations.

Section 14: Transport information

14.1. UN number or ID number

Not applicable.

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

None.

14.6. Special precautions for user

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

Section 15: Regulatory information

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

Safety data sheets:

EU and UK regulations do not require a safety data sheet to be provided for PFC Corofil stone wool insulation products. This Safe Use Instruction Sheet is provided to provide health and safety information in a standardised format.

REACH and UK REACH:

No hazardous classifications are associated with PFC Corofil stone wool insulation, with respect to physical, health and environmental considerations, in accordance with REACH Regulation (EC) No. 1907/2006; and, accordingly, in accordance with UK REACH.

PFC Corofil stone wool insulation products do not contain substances in concentrations >0.1% by weight on the REACH Candidate List of Substances of Very High Concern (SVHC), the REACH Annex XIV Authorization List or the REACH Annex XVII Restriction List.

PFC Corofil stone wool insulation batts, slabs, rolls, mats and pipe sections are defined as articles in accordance with REACH Regulation (EC) No. 1907/2006.

CLP and GB CLP:

No hazardous classifications are associated with PFC Corofil stone wool insulation, in accordance with CLP Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures; and, accordingly, in accordance with the GB CLP Regulation.

15.2. Chemical Safety Assessment

Not required.

Section 16: Other information

16.1. General information

PFC Corofil stone wool fibre is bio-soluble, and is not suspected of being carcinogenic in accordance with CLP Regulation (EC) No. 1272/2008.

This safety data sheet does not constitute a workplace assessment.

The information provided represents the state of our knowledge regarding this material at the date of its publication.

The information provided does not constitute a product specification and no warranty expressed or implied is hereby made.

The information relates only to the specific material designated when used in applications it has been designed for.

This information may not be valid for such material used in combination with any other materials or in any other processes, unless specified in the text.

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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