

PFC Corofil Acoustic Profile Fillers

Safety Data Sheet: SDSCAPF

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

Revision Date: 09/11/2021

Next Review: 08/11/2023

Key for component product | [MF] Mineral fibre | [GT] Glass tissue

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

1.1. Product identifier

Product name: PFC Corofil Acoustic Profile Fillers CAPF

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

Designed to fit into the corrugations of perforated metal roof decking used to reduce sound reverberation within a room.

1.3. Details of the supplier of the safety data sheet

PFC Corofil
Units 3 & 4, King George's Industrial Estate
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Chessington
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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

[MF]
Classification (EC 1272/2008)

Physical hazards: Not classified.

Health hazards: Not classified.

Environmental hazards: Not classified.

[GT]

With regard to its composition, this product is not classified as hazardous according to European Directive 67/548/EEC and 99/45/EC and their latest amendments.

This section identifies the potential hazards related to the article i.e. its shape, its dimensions and other physical characteristics.

- Mechanical irritation (itching)
- Exposure to airborne dusts and fibres (inhalation)

For detailed explanation see Section 11.

2.2. Label elements

[MF]

Hazard statements: NC Not classified.

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



2.3. Other hazards

[MF]

Specific hazards: Not applicable.

Section 3: Composition & information on ingredients

3.2. Mixtures

[MF]

Rock Mineral Wool	96 - 100%
CAS number:	EC number: 926-099-9
EU index number: 650-016-00-2	REACH registration number: 01-2119472313-44-XXXX
Ingredient notes:(1)	
Classification	
Not classified	
Thermo set, inert polymer bonding agent derived from plant starches	<4%
CAS number:	
Classification	
Not classified	

For full text of H-statements: see Section 16.

Ingredient notes: (1) 650-016-00-2 - 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 meeting the requirements of Note Q of regulation n° 1272/2008 and therefore not classified carcinogenicity.

CAS: Chemical Abstracts Service.

Section 4: First aid measures

4.1. Description of first aid measures

Inhalation:	[MF] Remove from exposure. Rinse the throat and clear dust from airways.
	[GT] In case of upper respiratory tract irritation, move to fresh air. If symptoms persist, call a doctor.
Ingestion:	[MF] Drink plenty of water if accidentally ingested.
Skin contact:	[MF] If mechanical irritation occurs, remove contaminated clothing and wash skin gently with cold water and soap.
	[GT] If in case of irritation, wash off immediately (DO NOT use warm water as this will open up the pores of the skin, which will cause further penetration of the fibres). DO NOT rub or scratch affected areas. Remove contaminated clothing. If skin irritation persists, call a doctor.
Eye contact:	[MF] Rinse abundantly with water for at least 15 minutes.
	[GT] Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. DO NOT rub or scratch the eyes. If eye irritation persists, call a doctor.

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

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

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

[MF]
If any adverse reaction or discomfort continues from any of the above exposures, seek professional 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: Not applicable.

5.2. Special hazards arising from the substance or mixture

[MF]
Products do not pose a fire hazard in use; however, some packaging materials or facings may be combustible. Products of combustion from product and packaging - carbon dioxide, carbon monoxide and some trace gases such as ammonia, nitrogen oxides and volatile organic substances.

[GT]
No data available.

5.3. Advice for fire-fighters

[MF]
In large fires in poorly ventilated areas involving packaging materials respiratory protection / breathing apparatus may be required.

[GT]
Wear self-contained breathing apparatus and full fire-fighting protective gear.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

[MF]
Personal precautions: In case of presence of high concentrations of dust, use the same personal protective equipment as mentioned in Section 8.

[GT]
Avoid contact with skin and eyes.

6.2. Environmental precautions

[MF]
Not relevant.

[GT]
Prevent further leakage and/or spillage if safe to do so.

6.3. Methods and materials for containment and cleaning up

[MF]
Methods for cleaning up: Vacuum cleaner or dampen down with water spray prior to brushing up.

[GT]
Pick up and transfer to properly labelled containers.

Avoid dry sweeping.

Shovel the major part of spilled material into a container.

Use an industrial vacuum cleaner with a high efficiency filter to clean up dust and residual spilled material.

After vacuum cleaning, flush away with water.

6.4. Reference to other sections

For personal protection, see Section 8. For waste disposal, see Section 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

[MF]
Usage precautions: No specific measures. Cut using a knife, do not use a saw or use power tools. Avoid unnecessary handling of unwrapped product. Provide adequate ventilation.

[GT]
Handling: Wear appropriate personal protective equipment in case of direct contact with the product (see Section 8).

Prevent and/or minimize dust formation.

7.2. Conditions for safe storage, including any incompatibilities

- [MF]
 Storage precautions: To ensure optimum product performance; when packaging is removed or opened; products should be stored inside or covered to protect them from ingress of rain water or snow. Storage arrangements should ensure stability of stacked products and use on a first in first out basis (FIFO) is recommended.
 Delivered packed in polyethylene film and or on wooden pallets.
- [GT]
 Suitable storage conditions: Keep product in its packaging until use to minimize potential dust generation.
- Incompatible materials: No specific material or group of materials is likely to react with the product to produce a hazardous situation.

7.3. Specific end use(s)

- [MF]
 Specific end use(s) Thermal and/or acoustic insulation for use in technical applications, industrial applications and in building construction.

Section 8: Exposure controls/personal protection

8.1. Control parameters

- [MF]
 Occupational exposure limits:
 Rock Mineral Wool

Long-term exposure limit (8-hour TWA): WEL 2 fibres/ml 5 mg/m³ Machine-made mineral fibre (except for refractory ceramic fibres and special purpose fibres).
 WEL = Workplace Exposure Limit

None at European level, refer to member state guidelines and legislation.

- [GT]
 Continuous filament glass fibres are not respirable; however certain mechanical processes might generate airborne dust or fibre (see Section 11). The occupational exposure limits mentioned below are applicable to airborne fibre exposure and/or to dust exposure.

Exposure Limits: Note. The user of CFGF products has to comply with the national regulation in term of health worker protection.

You will find below occupational exposure limit values for use in the UK.

Respirable Dust	Total Dust	Respirable Fibre
5 mg/m ³	10mg/m ³	10mg/m ³

8.2. Exposure controls

- [MF]
 Appropriate engineering controls: No specific measures.

- [GT]
 Provide local exhaust and/ or general ventilation system to maintain low exposure levels.

Dust collection systems must be used in transferring operations, cutting or machining or other dust generating processes.

Vacuum or wet clean-up methods should be used.

Personal protective equipment:

General Hygiene considerations:

Wash hands before breaks and immediately after handling product.

Avoid contact with skin, eyes and clothing.

Avoid getting dust into boots and gloves.

Remove and wash contaminated clothing before reuse.

Personal protective equipment:

Eye/face protection:

[MF]

Use goggles especially if working above shoulders. Eye protection according to EN 166 is advised.

[GT]

Safety glasses with side shields.

Hand protection:

[MF]

Use gloves to avoid itching in conformity with EN 388.

[GT]

Protective gloves.

Other skin and body protection:

[MF]

Cover exposed skin.

Hygiene measures:

[MF]

After contact, wash hands with cold water and soap.

Respiratory protection:

[MF]

Wearing a face mask type in accordance with EN 149 FFP1 is recommended when using products in confined atmosphere or during operations which can generate emission of any dust.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

[MF] Solid. Roll or panel.

Physical state:

[GT] Solid

Colour:

[MF] Ochre.

[GT] White or black.

Odour:

[MF] Not relevant.

Odour threshold:

[MF] No data available.

pH:

[MF] Not relevant.

Softening point:	[GT] >800°C
Melting point:	[MF] < 1000 °C according to DIN 4102-17 [GT] Not applicable.
Initial boiling point and range:	[MF] Not relevant.
Flash point:	[MF] Not relevant.
Evaporation rate:	[MF] Not relevant.
Flammability (solid, gas):	[MF] Not relevant.
Upper/lower flammability or explosive limits:	[MF] Not relevant.
Decomposition temperature:	[GT] Size and mat binders start to decompose at 200°C
Vapour pressure:	[MF] Not relevant.
Vapour density:	[MF] Not relevant.
Density (molten glass):	[GT] 2.6 (water = 1)
Relative density:	[MF] 30 - 250 kg/m ³
Solubility(ies):	[MF] Generally chemically inert and insoluble in water. [GT] Insoluble.
Auto-ignition temperature:	[MF] Not relevant.
Decomposition temperature:	[MF] Not relevant.
Viscosity:	[MF] Not relevant.
Explosive properties:	[MF] Not relevant.
Oxidising properties:	[MF] Not relevant.

9.2. Other information

Nominal diameter of fibres:	< 5 µm
Length weight geometric mean diameter less 2 standard errors:	< 6 µm
Orientation of fibres:	Random

Section 10: Stability and reactivity

10.1. Reactivity

None.

10.2 Chemical stability

[MF]
Stability: Binder will decompose above 200°C.

[GT]
Stable under normal conditions.

10.3. Possibility of hazardous reactions

[MF]
None in normal conditions of use.

[GT]
Not reactive.

10.4. Conditions to avoid

[MF]
Heating above 200°C.

[GT]
No data available.

10.5. Incompatible materials

[MF]
Materials to avoid: None.

[GT]
No data available.

10.6. Hazardous decomposition products

[MF]
None in normal conditions of use. Decomposition of binder above 200°C may produce carbon dioxide and some trace gases. The duration of release is dependent upon the thickness of the insulation, binder content and the temperature applied.

[GT]
See Section 5 of SDS for hazardous decomposition products during a fire.

Section 11: Toxicology information

11.1. Information on toxicological effects

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

General information: Classification not applicable for this product; in accordance with European Regulation 1272/2008, note Q.

Section 12: Ecological information

12.1. Toxicity

[MF]
This product is not ecotoxic to air, water or soil, by composition.

[GT]
No specific data are available for this product. This material is not expected to cause harm to animals, plant or fish.

12.2. Persistence and degradability

[MF]

Inert inorganic product with Thermo set, inert polymer based on cured phenol formaldehyde resins; <4%

12.3. Bio-accumulative potential

[MF]

Will not bioaccumulate.

12.4. Mobility in soil

[MF]

Not considered mobile. Less than 1% leachable organic carbon if landfilled.

12.5. Results of PBT and vPvB assessment

[MF]

Not relevant.

12.6. Other adverse effects

[MF]

None known.

Section 13: Disposal considerations

13.1. Waste treatment methods

[MF]

General information: [17 06 04] Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Disposal methods: Dispose of in accordance with regulations and procedures in force in country of use or disposal.

[GT]

Continuous filament glass fibre waste is a non-hazardous waste. European waste code number is 101103.

Section 14: Transport information

14.1. UN number

[MF]

Not applicable.

14.2. UN proper shipping name

[MF]

Not applicable.

14.3. Transport hazard class(es)

[MF]

No transport warning sign required.

14.4. Packing group

[MF]

Not applicable.

14.5. Environmental hazards

[MF]

Environmentally hazardous substance/marine pollutant: No.

14.6. Special precautions for user

[MF]

Not applicable.

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

[MF]

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

[GT]

IMDG/IMO:	Not regulated
RID:	Not regulated
ADR:	Not regulated
ICAO:	Not regulated
IATA:	Not regulated
DOT:	Not regulated
TDG:	Not regulated
MEX:	Not regulated

Section 15: Regulatory information

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

[MF]

EU legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Commission Regulation (EU) No 2015/830 of 28 May 2015.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

The European Regulation on Chemicals No 1907/2006, Registration, Evaluation, Authorisation of Chemicals (REACH) enacted on June 1st 2007 requires the provision of Safety Data Sheet (SDS) for hazardous substances and mixtures / preparations. PFC Corofil mineral wool products (panels, batts or rolls), are defined as articles under REACH and therefore a Safety Data Sheet for these products is not a legal requirement. In accordance with industry practice and voluntary commitments, PFC Corofil has decided to continue to provide its customers with the appropriate information for the purpose of assuring safe handling and use of mineral wool throughout the product life.

[GT]

This product is not hazardous according to European Directive 99/45/EC, 67/548/EEC and their latest amendment.

Information on non-carcinogenicity:

According to EU Directives the continuous filament glass fibres in this product is not classified as carcinogenic. Continuous filament glass fibres are not within the scope of European Directive 67/548/EEC per amendment 97/69/EC since they are not fibres with random orientation.

The international agency for research on cancer (IARC) in June 1987 and in October 2001 categorised continuous filament glass fibre as not classifiable with respect to human carcinogenicity (Group 3). The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify continuous filament glass fibre as a confirmed, probable or even possible cancer causing material.

National chemical inventories:

Continuous filament glass fibre products are articles under the chemicals inventories listed below and consequently are exempt from listing on these inventories in the European Union.

The European Inventory of Existing Chemical Substances: ENICS/ELINCS.

15.2. Chemical Safety Assessment

[MF]
Not relevant.

Section 16: Other information

Abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate.

CAS: Chemical Abstracts Service.

IARC: International Agency for Research on Cancer.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods.

MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.

PBT: Persistent, Bioaccumulative and Toxic substance.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

UN: United Nations.

vPvB: Very Persistent and Very Bioaccumulative.

General information: All products manufactured by PFC Corofil are made of non-classified fibres and are certified by EUCEB.

EUCEB, European Certification Board of Mineral Wool Products - www.euceb.org. The EUCEB trademark certifies that the manufactured fibres have a chemical composition within the ranges of exonerated reference fibres, which have been tested in accordance with European protocols and have been shown to be in conformity with Note Q, exoneration criteria for carcinogenicity, of the Regulation (EC) 1272/2008.

The mineral wool producers commit to EUCEB to:

- supply sampling and analysis reports established by laboratories recognized by EUCEB, proving that the fibres comply with one of the four criteria of exoneration described in Note Q,
- be controlled, twice per year, of each production unit by an independent third party recognized by EUCEB (sampling and conformity to the initial chemical composition),
- put in place procedures of internal self-control in each production unit.

Products meeting EUCEB certification requirements can be recognised by the EUCEB logo printed on the packaging.

This Safety Data Sheet does not constitute a workplace assessment.

Information contained in this document represents the state of our knowledge regarding this product as of the date of issue of the document. Attention of users is drawn to possible risks taken when the product is used for other applications than the ones it has been designed for.

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