

PFC Corofil Acoustic Profile Fillers

Safety Data Sheet: SDSCAPF

Revision 2
According to Regulation (EC) No. 1907/2006

Revision Date: 15/11/2023

Next Review: 17/11/2025

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

Section 1: Identification of substance or mixture and company

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
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

[MF]
There is no hazard statement associated with this material. Stone wool is not classified as dangerous according to Regulation (EC) No 1272/2008.

[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]

No labelling obligation for this article.

2.3. Other hazards

[MF]

Use of cutting equipment may generate dust. When heated for the first time to 200°C, release of binder components and binder decomposition products can be released which, in high concentrations, may irritate the eyes and respiratory system.

Section 3: Composition & information on ingredients

[MF]

Substance name	EC ID No	REACH Reg No	Content (% weight)
Stone Wool (1)	926-099-9	01-211-947-2313-44	95 - 100%

NOTE:

Not classified H351 "suspecting of causing cancer". Stone wool insulation fibres are not classified as carcinogenic according to Nota Q of Regulation 1272/2008. Stone wool products do not contain CLP classified substances >0.1%

3.1. Facings

Stone wool products may be supplied faced with various common materials such as aluminium foil, mineral tissue / fleece, polyethene and cementitious board etc.

Section 4: First aid measures

4.1. Description of first aid measures

General:

[MF]

Dust exposure symptoms.

Inhalation:

[MF]

If coughing, discomfort or obstruction occurs due to inhalation of dust, leave dusty area and seek medical advice.

[GT]

In case of upper respiratory tract irritation, move to fresh air. If symptoms persist, call a doctor.

Skin contact:

[MF]

In case of discomfort, remove any contaminated clothing and wash skin with clean cold water and mild 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]
Immediately flush with plenty of clean water. Continue flushing for 15 minutes. If irritation persists, seek medical advice.

[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.

Ingestion: [MF]
Wash mouth with water. Do not induce vomiting.

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

[MF]
None required.

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

[MF]
Suitable: Water spray, foam, CO2, Dry Powder.

Unsuitable: No specific information available.

5.2. Special hazards arising from the substance or mixture

[MF]
Un-faced products are non-combustible. Some facings and packaging can burn.

[GT]
No data available.

5.3. Advice for fire-fighters

[MF]
Observe normal firefighting procedures.

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

Section 6: Accidental release measures

6.1. Personal precautions

[MF]
Refer to section 8 for personal protection details.

[GT]
Avoid contact with skin and eyes.

6.2. Environmental precautions

[MF]
Do not flush into surface water or sanitary sewer system.

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

6.3. Methods and materials for containment and cleaning up

[MF]
Large pieces should be collected. Damp down area with water before sweeping or use vacuum equipment.

[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]
Wear suitable PPE to reduce contact with fibres - see Section 8.

[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]
Keep in a cool, well-ventilated area. Keep packaging away from any ignition sources such as open flame, welding torches and forms of direct radiant heat.

[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]
Insulation material for construction applications.

Section 8: Exposure controls/personal protection

8.1. Control parameters

[MF]

Workplace exposure limit (WEL) 5mg/m³ gravimetric measure (total inhalable dust).

[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]

Handling and working of the material has the potential to release particles. Where practical, extraction should be used or apply positive ventilation in confined spaces if dust becomes prevalent.

[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]

Safety glasses or goggles to EN166.

[GT]

Safety glasses with side shields.

Hand protection:	[GT] Protective gloves.
Skin protection:	[MF] Hands: Gloves in conformity with EN 388 are worn for comfort. Other: Cover exposed skin for comfort.
Respiratory protection:	[MF] If WEL is likely to be exceeded (for example when using cutting tools or working in confined spaces) disposable face masks complying with BS EN149 FFP1 or FFP2 should be used and are suitable for most applications.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	[MF] Solid grey-green.
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 [GT] < 1000 °C according to DIN 4102-17.
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

No CFC/HFC - Zero Ozone Depleting Potential (odp).

Section 10: Stability and reactivity

10.1. Reactivity

[MF]
None under foreseeable anticipated conditions of use.

10.2 Chemical stability

[MF]
The product is chemically inert.

[GT]
Stable under normal conditions.

10.3. Possibility of hazardous reactions

[MF]
None under foreseeable anticipated conditions of use.

[GT]
Not reactive.

10.4. Conditions to avoid

[MF]
No information available.

[GT]
No data available.

10.5. Incompatible materials

[MF]
No information available.

[GT]
No data available.

10.6. Hazardous decomposition products

[MF]
When stone wool is heated to approximately 200°C for the first time, release of binder components and binder decomposition occurs.

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

Section 11: Toxicology information

11.1. Information on toxicological effects

Not classified.

Section 12: Ecological information

12.1. Toxicity

[MF]
Not classified.

[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, not degradable.

12.3. Bio-accumulative potential

[MF]
No indication of bio accumulative potential.

12.4. Mobility in soil

[MF]
No indication of mobility in soil.

12.5. Results of PBT and vPvB assessment

[MF]
No assessment required.

12.6. Other adverse effects

[MF]
No data available.

Section 13: Disposal considerations

13.1. Product / packaging disposal

[MF]
Packaging and the product itself can be recycled.

13.2. Waste treatment

[MF]
The product is considered non-hazardous but must be disposed of in accordance with the national / local regulations.

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

13.3. Sewage disposal

[MF]

Avoid entry into sewers and water courses.

13.4. Other disposal recommendations

[MF]

Stone wool insulation is covered by the non-hazardous entry “17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03” in the European Waste Catalogue (EWC). Under land fill regulations, stone wool insulation waste is categorised as “waste accepted at landfills for non-hazardous waste in accordance with EC Decision 2003/22/EC.

Section 14: Transport information

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

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 and the IBC Code

[MF]

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]

The conclusion with REACH regulation is that there is no hazardous classifications associated with stone wool fibres in respect to considerations relating to physical, health and environmental factors.

[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]

There is no assessment required.

15.3. Important information

[MF]

The information provided in this document is believed to be correct and to the best of our knowledge as at its revision date and is solely intended to inform regarding aspects of safety. The properties and characteristics indicated within this document are not guaranteed. The information should only be used as guidance for safe handling, use, processing, storage, transportation and disposal and should not be considered as an obligation in respect of warranty of performance, quality or suitability for any application.

Section 16: Other 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.

Downloaded and printed safety data sheets are uncontrolled. For latest copy please check www.pfc-corofil.com