

MATERIAL SAFETY DATA:

QIF Fire Sleeve

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Product name	QIF Fire Sleeve	
Product Code(s)	QIF17, QIF21, QIF27, QIF34, QIF42, QIF48, QIF54, QIF60, QIF67, QIF76, QIF80, QIF89, QIF102, QIF108, QIF114, QIF127, QIF140, QIF159, QIF169	
Revision Date	01/04/2025	
Revision number	03	

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

1.1 Product Identifier

Product form	Article
Product name	QIF Fire Sleeve
Product Code	QIF17, QIF21, QIF27, QIF34, QIF42, QIF48, QIF54, QIF60, QIF67, QIF76, QIF80, QIF89, QIF102, QIF108, QIF114, QIF127, QIF140, QIF159, QIF169
Type of Product	Construction products
Product group	Trade product

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

1.2.1 Relevant identified uses

Main use category	Professional use
Industrial/ Professional use spec	For professional use only
Use of the substance/ mixture	Construction and building materials

1.2.2 Uses advised against

In terms of site use, the product shall be used in accordance with technical guidance published by Quelfire

1.3 Details of the supplier of the safety data sheet

Company Name	Quelfire Limited Unit 4 Spitfire Road Wardle Nantwich Cheshire CW5 6HT
Tel	0161 928 7308
Email	technical@quelfire.co.uk

1.4 Emergency Telephone Number

Emergency Telephone Number	(+44) 0161 928 7308
Language	English
Operating Hours	Monday – Friday 8am – 5pm GMT
Call 999 for Emergency. Call 111 for non-emergency medical advice	

MATERIAL SAFETY DATA:

QIF Fire Sleeve



According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SECTION 2: Hazards Identification

2.1 Classification of the substance of mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Not Classified
Adverse physicochemical, human health and environmental effects	To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice

2.2 Label elements

Label according to Regulation (EC) No. 1272/2008 [CLP]	
EUH-statement	No labelling applicable
Supplemental hazard information	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 the skin, eyes and upper respiratory system may result from exposure, however any effects are usually temporary.

MATERIAL SAFETY DATA:

QIF Fire Sleeve



According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SECTION 3: Composition/information on ingredients

3.1 Substances

No data available

3.2 Mixtures

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

MATERIAL SAFETY DATA:

QIF Fire Sleeve



According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SECTION 4: First aid measures

4.1 Description of first aid measures

General	The main hazards arise from downstream activities such as cutting.
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.
Eye contact	In case of eye contact, irrigate abundantly with water. Seek medical attention.
Ingestion	If small quantities are ingested, seek medical advice.
Inhalation	Avoid breathing dust. If breathing difficulties are experienced whilst cutting, remove to fresh air or a ventilated area and seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/ effects after skin contact	No symptoms expected.
Symptoms/ effects after eye contact	No symptoms expected.
Symptoms/ effects after ingestion	No symptoms expected.
Symptoms/ effects after inhalation	No symptoms expected.

4.3 Indication of any immediate medical attention and special treatment needed

Not applicable

MATERIAL SAFETY DATA:

QIF Fire Sleeve

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SECTION 5: Fire-Fighting measures

5.1 Extinguishing media

Suitable Extinguishing Media	Suitable extinguishing media for the surrounding fire should be used.
-------------------------------------	---

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	In combustion emits toxic fumes
---	---------------------------------

5.3 Advice for firefighters

Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
---------------------------------------	---

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel****Emergency procedures**

For further information refer to section 8: "Exposure controls/personal protection".

6.1.2. For emergency responders**Protective equipment**

Do not attempt to take action without suitable protective equipment.
For further information refer to section 8: "Exposure controls/personal protection".

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.

6.3. Methods and material for containment and cleaning up**Methods for cleaning up**

Dampen down any dust spillages as soon as possible and collect whilst damp.
Remove dust using a 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 restrictions.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

MATERIAL SAFETY DATA:

QIF Fire Sleeve

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements	Normal safe precautions for handling can be employed. Small amounts of dust may be generated if products are allowed to abrade against each other.
Hygiene measures	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

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

7.3. Specific end use(s)

No data available

MATERIAL SAFETY DATA:

QIF Fire Sleeve

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

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 follow:

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.

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1 Appropriate engineering controls:

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

Maintain a clean workspace using a vacuum cleaner.

8.2.2 Personal protective equipment:

Dust formation: dust mask. Gloves, safety glasses

Respiratory protection:

Not normally required. However secondary operations, such as drilling may generate dust so in these operations a suitable Respiratory protective device with particle filter should be worn

Hand Protection

Protective gloves

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves					EN ISO 374

Eye Protection

Safety glasses

Type	Field of application	Characteristics	Standard
Safety glasses			EN 166

MATERIAL SAFETY DATA:

QIF Fire Sleeve

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Skin and body protection:

Wear suitable protective clothing

Personal protective equipment symbol(s):



8.2.3 Environmental exposure controls:

Do not eat, drink or smoke when using this product.

MATERIAL SAFETY DATA:

QIF Fire Sleeve

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid
Odour	No Data Available
Odour Threshold	No Data Available
pH	No Data Available
pH solution	No Data Available
Relative evaporation rate (butylacetate=1)	No Data Available
Melting point	No Data Available
Freezing point	No Data Available
Boiling point	No Data Available
Flash point	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Flammability	No Data Available
Vapour pressure	No Data Available
Vapour pressure at 50°C	No Data Available
Relative vapour density at 20°C	No Data Available
Relative density	200kg/m ³
Solubility	Not soluble in water
Partition coefficient n-octanol/ water (Log Pow)	No Data Available
Viscosity, Kinematic	No Data Available
Relative vapour density at 20°C	No Data Available

9.2. Other information

Solubility – insoluble in water and generally chemical inert

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

None under recommended storage and handling conditions (See section 7)

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition should not be produced.

MATERIAL SAFETY DATA:

QIF Fire Sleeve



According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute inhalation toxicity	Nose and throat irritation
Skin irritation	Mild irritation
Eye irritation	Irritation
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.

Expose 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 quickly and effectively cleared from lung tissues.

SECTION 12: Ecological information**12.1. Toxicity**

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. Bioaccumulative potential

Not established

12.4. Mobility in soil

Ecology - soil

Not established

12.5. Results of PBT and vPvB assessment

This product is not identified as a PBT/ vPvB substance

12.6. Endocrine disrupting properties

No additional information available

12.6. Other adverse effects

No data available

MATERIAL SAFETY DATA:

QIF Fire Sleeve



According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	Disposal must be done according to official regulations.
Waste treatment methods	Dispose of contents/ container in accordance with licensed collector's sorting instructions
Additional information	Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself. Non-contaminated packages may be recycled.

MATERIAL SAFETY DATA:

QIF Fire Sleeve

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SECTION 14: Disposal considerations

14.1. UN number or ID number

In accordance with ADR/ RID/ IMDG/ IATA/ ADN

ADR	Not Applicable
RID	Not Applicable
IMDG	Not Applicable
IATA	Not Applicable
ADN	Not Applicable

No supplementary information available

14.2. UN proper shipping name

In accordance with ADR/ RID/ IMDG/ IATA/ ADN

ADR	Not Applicable
RID	Not Applicable
IMDG	Not Applicable
IATA	Not Applicable
ADN	Not Applicable

No supplementary information available

14.3. Transport hazard class(es)

In accordance with ADR/ RID/ IMDG/ IATA/ ADN

ADR	Not Applicable
RID	Not Applicable
IMDG	Not Applicable
IATA	Not Applicable
ADN	Not Applicable

No supplementary information available

14.4. Packing group

In accordance with ADR/ RID/ IMDG/ IATA/ ADN

ADR	Not Applicable
RID	Not Applicable
IMDG	Not Applicable
IATA	Not Applicable
ADN	Not Applicable

No supplementary information available

MATERIAL SAFETY DATA:

QIF Fire Sleeve

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

14.5. Environmental hazards

In accordance with ADR/ RID/ IMDG/ IATA/ ADN

ADR	Not Applicable
-----	----------------

RID	Not Applicable
-----	----------------

IMDG	Not Applicable
------	----------------

IATA	Not Applicable
------	----------------

ADN	Not Applicable
-----	----------------

No supplementary information available

14.6. Special precautions for user

Overland Transport	Not Applicable
--------------------	----------------

Transport by sea	Not Applicable
------------------	----------------

Air transport	Not Applicable
---------------	----------------

Inland waterway transport	Not Applicable
---------------------------	----------------

Rail transport	Not Applicable
----------------	----------------

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

Not Applicable

MATERIAL SAFETY DATA:

QIF Fire Sleeve

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)	Not applicable.
REACH Annex XIV (Authorisation List)	Not applicable.
REACH Candidate List (SVHC)	Contains no substance(s) listed on the REACH Candidate List
PIC Regulation (Prior Informed Consent)	Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)
POP Regulation (Persistent Organic Pollutants)	Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)
Ozone Regulation (1005/2009)	Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)
Explosives Precursors Regulation (2019/1148)	Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)
Drug Precursors Regulation (273/2004)	Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

MATERIAL SAFETY DATA:

QIF Fire Sleeve

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SECTION 16: Other information

Abbreviations and acronyms	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of dangerous goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological Limit Value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect Level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community Number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis.

The above 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.