

## MATERIAL SAFETY DATA SHEET

Product name	Quelfire QF2 Fire Protection Compound
Product Code(s)	QF2
Revision Date	01/01/2024
Revision number	02

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

#### 1.1. Product identifier

Product name	Quelfire QF2 Fire Protection Compound
Product Code	QF2

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

Main Applications – non exhaustive list	Passive Fire stopping mortar infill for service penetrations
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#### 1.3. Details of the supplier of the safety data sheet

Company Name	Quelfire Limited Springvale Industrial Estate Millbuck Way Sandbach CW11 3HT
Tel	0161 928 7308
Email	<a href="mailto:technical@quelfire.co.uk">technical@quelfire.co.uk</a>

#### 1.4. Emergency telephone number

Emergency telephone number	0161 928 7308 (Office hours only)
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### Section 2: Hazards Identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]	Not Classified
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#### 2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 [CLP]	Not Classified
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#### 2.3. Other hazards

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.
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### Section 3: Composition/information on ingredients

#### 3.1. Substances

Name	Product Identifier	%	EINECS
Calcium Sulphate	(CAS No.) 7778-18-19	>80	231-900-3
Perlite	(CAS NO.) 93763-70-3	<21	N/A

#### 3.2. Impurities

Contains <1% Organic substances
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### Section 4: First aid measures

#### 4.1. Description of first aid measures

Skin contact	P264, P280 Wash skin thoroughly with soap and water
Eye contact	P305, P338, P351 Rinse with copious quantities of water and seek medical attention if irritation persists
Ingestion	P30, P330, P331 Rinse out mouth, do not induce vomiting
Inhalation	P264, P280 Move exposed person to fresh air immediately and seek medical advice if required.

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

No acute and delayed symptoms and effects are observed

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

Not applicable

### Section 5: Fire-Fighting measures

#### 5.1. Extinguishing media

Suitable Extinguishing Media	No specific extinguishing media is needed
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#### 5.2. Special hazards arising from the substance or mixture

Exposure hazards	Non-Combustible. No hazardous thermal decomposition
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#### 5.3. Advice for fire-fighters

Advice for fire-fighters	No specific firefighting protection is required
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### Section 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation

#### 6.2. Environmental precautions

No special requirements

#### 6.3. Methods and materials for containment and cleaning up

Clean-up procedures	Avoid dry sweeping and use vacuum cleaning systems where possible.
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#### 6.4. Reference to other sections

Refer to section 8 'Exposure controls/ personal protection' and section 13 'Disposal Considerations'

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

Handling requirements	Provide good ventilation in process area to prevent dust formation. Wear suitable PPE. Wash hands and other exposed areas with soap and water before eating.
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7.2. Conditions for safe storage, including any incompatibilities.

Storage conditions	Keep packaging closed when not in use. Protect from moisture
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7.3. Specific end use(s)

Specific end use(s)	No data available
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### Section 8: Exposure controls/personal protection

8.1. Control parameters

United Kingdom WEL TWA (mg/m <sup>3</sup> )	10mg/m <sup>3</sup>
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8.2. Exposure controls

Engineering measures	Ensure there is sufficient ventilation of the area
Respiratory protection	In case of prolonged exposure to airborne dust concentrations, wear dust mask Type P2 or above.
Hand protection	Appropriate protection (e.g., gloves, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin. Wash hands at the end of each work session.
Eye protection	Safety glasses with side shields. Use equipment for eye protection tested and approved under appropriate standards.
Skin protection	No specific requirements

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

### Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Solid
Appearance	Pink Powder
Odour	Odourless
Odour threshold	Not relevant
pH	Neutral
Melting point	>1000°C

9.2. Other information

No data available
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### Section 10: Stability and reactivity

10.1. Reactivity

Inert, not reactive
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10.2. Chemical stability

Chemically stable
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10.3. Possibility of hazardous reactions

No hazardous reactions

10.4. Conditions to avoid

Not relevant

10.5. Incompatible materials

No particular incompatibility

10.6. Hazardous decomposition products

Not relevant

**Section 11: Toxicological information**

11.1. Information on toxicological effects

Acute toxicity	No evidence of acute toxicity
Skin corrosion/ irritation	Not classified
Serious eye damage/ irritation	May cause mechanical irritation
Respiratory or skin sensation	No evidence
Germ cell mutagenicity	No evidence
Carcinogenicity	No classification
Reproductive toxicity	No evidence
Aspiration hazard	Based on available data, the classification criteria are not met

**Section 12: Ecological information**

12.1. Toxicity

Not established

12.2. Persistence and degradability

Not established

12.3. Bioaccumulative potential

Not established

12.4. Mobility in soil

Not established

12.5 Results of PBT and vPvB assessment

Not established

12.6. Other adverse effects

No specific adverse effects known

**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

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**Section 14: Transport information**

14.1. UN number

Not relevant

14.2. UN proper shipping name

Not relevant

14.3. Transport hazard classes

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	

14.5. Environmental hazards

Not relevant

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 73/78 and the IBC Code

Not relevant

**Section 15: Regulatory information**

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH annex XIV substances

15.1.2 National Regulations

No additional information available

15.2. Chemical Safety Assessment

Chemical Safety Assessment	No chemical safety assessment has been carried out
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**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

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CAS-No.	Chemical Abstract Service Number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 272/2008
EN	European Standard
IATA	International Air Transport Association
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail

Data Sources	Regulation (EC) No1272/2008 of the European parliament and the council of 16 <sup>th</sup> December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing directives 67/548/EC, and amending Regulation (EC) No 1907/2006
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