

**MATERIAL SAFETY DATA SHEET**

Product name	Quelfire QRS Fire Sleeves
Product Code(s)	QRS110/54, QRS205/60, QRS220/90, QRS75, QRS90, QRS110, QRS130, QRS110/54SS, QRS204/60SS, QRS220/90SS
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 QRS Fire Sleeves
Product Code	QRS110/54, QRS205/60, QRS220/90, QRS75, QRS90, QRS110, QRS130, QRS110/54SS, QRS204/60SS, QRS220/90SS

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

Not applicable

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
Fax	0161 924 1340
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 under CLP	Not Classified
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2.2. Label elements

This product has no label elements

2.3. Other hazards

This product is not identified as a PBT/ vPvB substance

**Section 3: Composition/information on ingredients**

3.1. Substances

Thermoplastic sheet composition containing intercalated graphite in a synthetic compound with the addition of filters and process oils. The intumescent element is contained within a metal sleeve.

3.2. Mixtures

No data available

**Section 4: First aid measures**

4.1. Description of first aid measures

☎ 0161 928 7308	✉ <a href="mailto:sales@quelfire.co.uk">sales@quelfire.co.uk</a>	🌐 <a href="http://www.quelfire.co.uk">www.quelfire.co.uk</a>
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Skin contact	It is possible that handling of the composite interior could cause skin irritation, in which case first rinse with water and remove fragments of the composite material, then wash with plenty of soap and water. Do not use organic solvents.
Eye contact	Rinse with water and seek medical attention.
Ingestion	If ingested do not induce vomiting, seek medical attention
Inhalation	Consult a doctor

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

Skin contact	There may be mild irritation at the site of contact
Eye contact	There may be irritation and redness
Ingestion	There may be irritation of the throat
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.

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

Immediate/special treatment	Not applicable
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**Section 5: Fire-Fighting measures**

5.1. Extinguishing media

Suitable Extinguishing Media	Water, CO2, Foam and/ or dry powder
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5.2. Special hazards arising from the substance or mixture

Exposure hazards	In combustion emits toxic fumes
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5.3. Advice for fire-fighters

Advice for fire-fighters	Wear self-contained breathing apparatus. Wear suitable proactive clothing to prevent contact with skin and eyes
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**Section 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

Refer to section 8 'Exposure controls/ personal protection'.
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6.2. Environmental precautions

Environmental	Do not discharge into drains or rivers.
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6.3. Methods and materials for containment and cleaning up

Clean-up procedures	Wash the spillage site with large amounts of water.
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6.4. Reference to other sections

Refer to section 8 'Exposure controls/ personal protection'
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**Section 7: Handling and storage**

7.1. Precautions for safe handling

Handling requirements	Avoid the formation or spread of dust in the air
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	Avoid handling interior composite material
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Store in cool, well ventilated area.
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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

No data available
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8.2. Exposure controls

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
Eye protection	Safety glasses. Ensure eye bath is to hand.
Skin protection	Protective clothing

**Personal protective equipment symbol(s):**



**Section 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

State	Solid
Odour	Odourless

9.2. Other information

Solubility – insoluble in water and generally chemical inert
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**Section 10: Stability and reactivity**

10.1. Reactivity

Stable under recommended transport or storage conditions
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10.2. Chemical stability

Stable under normal conditions
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10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
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10.4. Conditions to avoid

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Heat

10.5. Incompatible materials

Strong oxidising agents. Strong acids

10.6. Hazardous decomposition products

In combustion emits toxic fumes

**Section 11: Toxicological information**

11.1. Information on toxicological effects

Non-toxic in solid state

**Section 12: Ecological information**

12.1. Toxicity

No data available

12.2. Persistence and degradability

Biodergradable

12.3. Bioaccumulative potential

Not potentially Bioaccumulative

12.4. Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/ vPvB substance

12.6. Other adverse effects

Negligible ecotoxicity

**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

**Section 14: Transport information**

This product does not require a classification for transport

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

**Section 15: Regulatory information**

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

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No additional information available
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15.2. Chemical Safety Assessment

Chemical Safety Assessment	No chemical safety assessment has been carried out
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**Section 16: Other information**

Other information	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.
Legal disclaimer	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.