

MATERIAL SAFETY DATA SHEET

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| 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 | 01/01/2021 |
| Revision number | 02 |

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

1.1. Product identifier

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|--------------|--|
| 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 |
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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 |
| Fax | 0161 924 1340 |
| Email | technical@quelfire.co.uk |

1.4. Emergency telephone number

| | |
|----------------------------|-----------------------------------|
| Emergency telephone number | 0161 928 7308 (Office hours only) |
|----------------------------|-----------------------------------|

Section 2: Hazards Identification

2.1. Classification of the substance or mixture

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|--------------------------|----------------|
| Classification under CLP | Not Classified |
|--------------------------|----------------|

2.2. Label elements

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|------------------------------------|
| This product has no label elements |
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2.3. Other hazards

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|---|
| This product is not identified as a PBT/ vPvB substance |
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Section 3: Composition/information on ingredients

3.1. Substances

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| 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. |
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3.2. Mixtures

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|-------------------|
| No data available |
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Section 4: First aid measures

4.1. Description of first aid measures

| | | |
|-----------------|--|--|
| ☎ 0161 928 7308 | ✉ sales@quelfire.co.uk | 🌐 www.quelfire.co.uk |
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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

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|--------------|---|
| 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

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|-----------------------------|----------------|
| Immediate/special treatment | Not applicable |
|-----------------------------|----------------|

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

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| Exposure hazards | In combustion emits toxic fumes |
|------------------|---------------------------------|

5.3. Advice for fire-fighters

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|--------------------------|---|
| 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

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| 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

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

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

7.1. Precautions for safe handling

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|-----------------------|--|
| 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

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|--------------------|--------------------------------------|
| Storage conditions | Store in cool, well ventilated area. |
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7.3. Specific end use(s)

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

8.1. Control parameters

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|-------------------|
| 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

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| State | Solid |
| Odour | Odourless |

9.2. Other information

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

10.1. Reactivity

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| Stable under recommended transport or storage conditions |
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10.2. Chemical stability

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| Stable under normal conditions |
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10.3. Possibility of hazardous reactions

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| 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

Biodegradable

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

15.2. Chemical Safety Assessment

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

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| 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. |