

MATERIAL SAFETY DATA SHEET

Product name	Quelfire QI Intufoam Linear Gap Seal
Product Code(s)	QI25/30, QI50/30, QI50/45, QI75/45
Revision Date	01/01/2021
Revision number	02

Section 1: Identification of the substance/mixture and of the company / undertaking**1.1. Product identifier**

Product name	Quelfire QI Intufoam Linear Gap Seal
Product Code	QI25/30, QI50/30, QI50/45, QI75/45

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

Fire Protection

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)
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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**

Not applicable

3.2. Mixtures

No data available

3.3. Article

Components – intumescent fire protection seal on the basis of graphite that expands in case of fire.
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Section 4: First aid measures

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4.1. Description of first aid measures

General	In case of doubt or persistent symptoms, always consult a physician.
Skin contact	Wash skin with plenty of water
Eye contact	Do not rub the eye. Rinse with immediately with plenty of water.
Ingestion	If ingested do not induce vomiting, drink plenty of water, seek medical attention
Inhalation	An inhalation hazard is not anticipated unless dust is generated. Move the affected person to the fresh air.

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

Skin contact	Not expected to present a significant hazard under anticipated conditions of use.
Eye contact	Not expected to present a significant hazard under anticipated conditions of use.
Ingestion	Not expected to present a significant hazard under anticipated conditions of use.
Inhalation	Not expected to present a significant hazard under anticipated conditions of use.

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

Immediate/special treatment	Treat symptomatically
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Section 5: Fire-Fighting measures

5.1. Extinguishing media

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

Exposure hazards	Carbon oxides (CO, CO2). Phosphorus oxides.
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5.3. Advice for fire-fighters

Advice for fire-fighters	Do not attempt to take action without suitable protective equipment.
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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 allow entry to drains, sewers, water courses or soil.
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6.3. Methods and materials for containment and cleaning up

Clean-up procedures	Mechanically recover the product. Dispose in safe manner in accordance with local/ national regulations.
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6.4. Reference to other sections

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

Section 7: Handling and storage

7.1. Precautions for safe handling

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Handling requirements	<p>Avoid the formation or spread of dust in the air</p> <p>Avoid contact with skin and eyes.</p> <p>Handle in accordance with good industrial hygiene and safety procedures.</p> <p>Do not eat, drink or smoke when using this product.</p> <p>Always wash hands after handling the product.</p>
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Store in a dry, cool and well-ventilated place. Protect against frost. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.
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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

Aluminium Silicate (Kaolin) (1332-58-7)	
United Kingdom	<p>Local Name – Kaolin</p> <p>WEL TWA – 2 mg/m³</p>
Ireland	<p>Local Name – Kaolin, respirable dust</p> <p>OEL (8 Hours ref) – 2 mg/m³</p>
Occupational Exposure limits/ workplace Exposure limits for particles not otherwise classified or regulated (nuisance dust)	<p>Inhalable: 10mg/m³</p> <p>Respirable: 4mg/m³</p>
Additional Information	Ensure all national/ local regulations are observed.

8.2. Exposure controls

Respiratory protection	Not normally required for normal conditions of use. Use appropriate respiratory equipment when exposures are likely or can be foreseen to exceed the Occupational Exposure Limits or Workplace Exposure Limits for the UK. For exposures up to 10 times the OEL (WEL) use at least a P2 type duct mask. For higher exposure, use a P3 type mask.
Hand protection	Protective gloves
Eye protection	Avoid contact with eyes. Use safety glasses whenever tools are used, and dusts are produced.
Skin protection	Wear suitable protective clothing. Wash contaminated clothing before reuse.

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

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State	Solid
Colour	Grey
Odour	Odourless
Odour Threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	~70°C
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 (Solid, gas)	No data available
Vapour pressure	No data available
Relative vapour density at 20°C	No data available
Relative density	No data available
Density	~1.2g/cm ³
Solubility	Material nearly insoluble in water.
Log Pow	No data available
Viscosity, kinematic	No data available
Viscosity, Dynamic	No data available
Explosive Properties	Not explosive. If dust is formed: risk of dust explosion.
Oxidising properties	No data available
Explosive Limits	No data available

9.2. Other information

Not applicable

Section 10: Stability and reactivity

10.1. Reactivity

Stable under recommended transport or storage conditions

10.2. Chemical stability

Stable under normal conditions. Material foams up at approximately 200°C

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

High temperature. Avoid dust formation.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

Section 11: Toxicological information

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11.1. Information on toxicological effects

Acute Toxicity	Not classified. Dust from this product may cause irritation to the respiratory tract.
Skin corrosion/ irritation	Dust from this product may cause skin irritation.
Serious eye damage/ irritation	Dust from this product may cause eye irritation.
Respiratory or skin sensitisation	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT-single exposure	Not classified.
STOT-repeated exposure	Not classified.
Aspiration hazard	Not classified.

Section 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

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

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Section 15: Regulatory information

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

Contains no substance on the REACH candidate list.
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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

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 272/2008
EC-No.	European Community Number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
NOEC	No-Observed Effect Concentration
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
vPvB	Very Persistent and Very Bioaccumulative

Full text of H- and EUH statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Irrit. 2	Serious eye damage/ eye irritation, Category 2
Skin Irrit. 2	Skin Corrosion/ Irritation, Category 2
H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

Other information	This safety data sheet is prepared in accordance with REACH (Regulation (EC) No 1907/2006) and CLP (Regulation (EC) No 1272/2008). This product data sheet, for which safety information is given, does not contain substances of very high concern, substances of which use is restricted by the commission or substances on the candidate list of substances of very high concern for authorisation (last updated list of 15.01.2018). even if this article is not subjected to any obligation to
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	classify or label (Art 4 Regulation (EC) No 1272/2008), Quelfire has decided to supply certain information about identification, first aid and release measures, exposure control, disposal and transport. This safety information supplies information to industrial and professional users on the safe use of this article.
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.