


MATERIAL SAFETY DATA SHEET:

QI Intufoam

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

Product Name	QI Intufoam	
Product Code(s)	QI25/30, QI50/30, QI50/45, QI75/45	
Revision Date	01/01/2026	
Revision Number	04	

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Form	Article
Product Name	QI Intufoam
Product Code	QI25/30, QI50/30, QI50/45, QI75/45
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 the technical guidance published by Quelfire.

1.3. Details of the Supplier of the Safety Data Sheet

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

1.4. Emergency Telephone Information

Emergency Telephone Number	(+44) 0161 928 7308
Language	English (UK)
Operating Hours	Monday – Friday, 8am – 5pm (GMT)

Call 999 for an emergency. Call 111 for non-emergency medical advice.

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

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2.3. Other Hazards

No additional information available

Section 3: Composition/Information on Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Not applicable

Section 4: First Aid Measures

4.1. Description of First Aid Measures

General	If you feel unwell, seek medical advice.
Skin Contact	It is possible that handling the composite interior could cause skin irritation. In that case, first rinse with water and remove any composite fragments, then wash with plenty of soap and water. Do not use organic solvents.
Eye Contact	If eye contact occurs, rinse with water and seek medical attention. If possible, remove contact lenses and continue rinsing. If eye irritation persists, seek medical advice/attention.
Ingestion	If ingested, do not induce vomiting; seek medical attention.
Inhalation	If inhaled, consult a doctor.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/Effects After Skin Contact	Not expected to present a significant hazard under anticipated conditions of use
Symptoms/Effects After Eye Contact	Not expected to present a significant hazard under anticipated conditions of use
Symptoms/Effects After Ingestion	Not expected to present a significant hazard under anticipated conditions of use
Symptoms/Effects After 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

Treat symptomatically

Section 5: Firefighting Measures

5.1. Extinguishing Media

Suitable Extinguishing Media Water, CO2, foam, dry powder

5.2. Special Hazards Arising From the Substance or Mixture

Hazardous Decomposition Products in Case of Fire Emits toxic fumes during combustion

5.3. Advice for Firefighters

Protection During Firefighting Do not attempt to act without suitable protective equipment, self-contained breathing apparatus, and complete appropriate/suitable protective clothing.

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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".
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6.1.2. For Emergency Responders

Protective Equipment	Do not attempt to act without suitable protective equipment. For further information, refer to Section 8: "Exposure Controls/Personal Protection".
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6.2. Environmental Precautions

Do not discharge into drains or rivers

6.3. Methods and Material for Containment and Cleaning Up

Methods for Cleaning Up	Mechanically recover the product
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Other Information	Dispose of materials or solid residues at an authorised site
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6.4. Reference to Other Sections

For further information, refer to Section 8: "Exposure Controls/Personal Protection".

Section 7: Handling and Storage

7.1. Precautions for Safe Handling

Handling Requirements	Avoid the formation or spread of dust in the air, avoid contact with skin and eyes, and handle in accordance with good industrial hygiene and safety procedures.
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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 reusing. Do not eat, drink, or smoke when using this product.
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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 and 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)

No data available

Section 8: Exposure Controls/Personal Protection

8.1. Control Parameters

Aluminium Silicate (Kaolin) (1332-58-7)

United Kingdom	Local Name – Kaolin WEL TWA – 2 mg/m ³
Ireland	Local Name – Kaolin, respirable dust OEL (8 Hours ref) – 2 mg/m ³
Occupational Exposure Limits/Workplace Exposure Limits for Particles not Otherwise Classified or Regulated (Nuisance Dust)	Inhalable: 10mg/m ³ Respirable: 4mg/m ³
Additional Information	Ensure all national/local regulations are observed

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8.2. Exposure Controls					
8.2.1. Appropriate Engineering Controls					
Ensure good ventilation of the workstation					
8.2.2. Personal Protective Equipment					
Dust formation: Dust mask, gloves, and safety glasses					
Respiratory Protection					
Not usually/typically required for normal conditions of use. Use appropriate respiratory equipment when exposure is 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					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Vinyl, Nitrile Rubber (NBR), Chloroprene Rubber (CR)	2 (>30 minutes)			EN ISO 374-1
Eye Protection					
Safety glasses: Avoid contact with eyes. Use safety glasses whenever tools are used, and dusts are produced.					
Type	Field of Application	Characteristics			Standard
Safety glasses					EN 166
Skin and Body Protection					
Wear suitable protective clothing					
8.2.3. Environmental Exposure Controls					
Avoid release to the environment					

Personal protective equipment symbol(s):



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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
Density	1.2g/cm ³
Solubility	Material nearly insoluble 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
Particle Size	No data available
Particle Size Distribution	No data available
Particle Shape	No data available
Particle Aspect Ratio	No data available
Particle Aggregation State	No data available
Particle Agglomeration State	No data available
Particle Specific Surface Area	No data available
Particle Dustiness	No data available

9.2. Other Information

No additional information available

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

None under recommended storage and handling conditions (see Section 7)

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10.5. Incompatible Materials

No additional information available

10.6. Hazardous Decomposition Products

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

Section 11: Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity (Oral)	Not classified
Acute Toxicity (Dermal)	Not classified
Acute Toxicity (Inhalation)	Not classified
Skin Corrosion/Irritation	Dust from this product may cause skin irritation
Serious Eye Damage/Irritation	Dust from this product may cause skin irritation
Respiratory/Skin Sensitisation	Dust from this product may cause irritation to the respiratory tract
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

Ecology – General	Not classified
Hazardous to the Aquatic Environment, Short Term (Acute)	Not classified
Hazardous to the Aquatic Environment, Long Term (Chronic)	Not classified
Not Rapidly Degradable	

12.2. Persistence and Degradability

No additional information available

12.3. Bioaccumulative Potential

No additional information available

12.4. Mobility in Soil

Ecology – Soil | No additional information available

12.5. Results of PBT and vPvB Assessment

No additional information available

12.6. Endocrine Disrupting Properties

No additional information available

12.7. Other Adverse Effects

No additional information available

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Section 13: Disposal Considerations

13.1. Waste Treatment Methods

Regional Legislation (Waste)	Disposal must be carried out 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 and handle contaminated packages in the same way as the substance itself. Non-contaminated packages may be recycled.

Section 14: Transport Information

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

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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

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)	Contains no UK REACH substances with Annex XVII restrictions
REACH Annex XIV (Authorisation List)	Contains no UK REACH Annex XIV substances that are subject to authorisation
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)
15.1.2. National Regulations	
No additional information available	

15.2. 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 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 solely to describe the product for health, safety, and environmental purposes. It should therefore not be construed as a guarantee of any specific property of the product.