

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name Q-LON Polyurethane Foam Environmental Seals

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

Identified Use(s) Seals for building products and fenestration.

Uses Advised Against None known.

1.3 Details of the supplier of the safety data sheet

Manufacturer
Company Identification Schlegel Ltd.
Address of Manufacturer Unit 25 Henlow Industrial Estate
Henlow Camp
Bedford
Postal code SG16 6DS
Telephone: 01462 815500
Fax 01462 638800
E-mail Info.henlow@quanex.com

1.4 Emergency telephone number

Emergency Phone No. 01462 815500
Contact Company

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Not classified as hazardous for supply.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)
Product Name Q-LON Polyurethane Foam Environmental Seals
Hazard Pictogram(s) None.
Signal Word(s) None.
Hazard Statement(s) None.
Precautionary Statement(s) None.

2.3 Other hazards

None known.

2.4 Additional Information

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Product as supplied: Article.

3.1 Substances

Not applicable.

3.2 Mixtures

Ingredient(s)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Aromatic type Thermoplastic Polyurethane Resin	9009-54-5	618-449-1	30 - 50	Not classified	None
Polypropylene	9003-07-0	618-352-4	0 - 50	Not classified	None
Polyethylene	9002-88-4	680-352-5	20 - 40	Not classified	None
Styrene-butadiene-based thermoplastic elastomer (TPE)	308079-71-2		0 - 10	Not classified	None
Glass, oxide, chemicals	65997-17-3	266-046-0 01-2119488048-29-XXXX	0 - 3	Not classified	None

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation Not normally required.
Skin Contact Wash with plenty of soap and water. If symptoms persist, obtain medical attention.
Eye Contact Not normally required.
Ingestion Unlikely route of exposure.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.
Unsuitable extinguishing media None known.

5.2 Special hazards arising from the substance or mixture

Non-flammable. Decomposes in a fire giving off toxic fumes: Carbon monoxide, Oxides of nitrogen, Hydrogen cyanide, Hydrocarbons.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

No special precautions are required for this product.

6.2 Environmental precautions

No special measures are required.

6.3 Methods and material for containment and cleaning up

Collect mechanically and dispose of according to Section 13.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

No special precautions are required for this product. Wash hands and exposed skin thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry place.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

Strong oxidising agents.

7.3 Specific end use(s)

Seals for building products and fenestration.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE.	CAS No.	LTCL (8 hr TWA ppm)	LTCL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
						None assigned

Region
United Kingdom

Source
UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

8.2 Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation.

8.2.2. Personal protection equipment

Eye Protection

Not normally required.



Skin protection

Not normally required. Wear mechanically protective gloves (EN 388). Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

Not applicable.



8.2.3. Environmental Exposure Controls

No special measures are required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state

A urethane foam core wrapped in a polyethylene liner.

Colour

Variable.

Odour

None.

Melting point/freezing point

Not applicable.

Boiling point or initial boiling point and boiling range	Not applicable.
Flammability	Non-flammable.
Lower and upper explosion limit	Not applicable.
Flash Point	Not applicable.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
pH	Not applicable.
Kinematic Viscosity	Not applicable.
Solubility	Solubility (Water) : Not applicable. Solubility (Other) : Not available.
Partition coefficient n-octanol/water (log value)	Not available.
Vapour pressure	Not applicable.
Density and/or relative density	Relative density : 2.65 - 2.7(Glass, oxide, chemicals)
Relative vapour density	Not applicable.
Particle characteristics	Not available.
9.2 Other information	None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	None anticipated.
10.2 Chemical Stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid	Keep away from heat and flame.
10.5 Incompatible materials	Strong oxidising agents.
10.6 Hazardous decomposition products	No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Ingestion	Calculation method : Not classified.
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

11.2 Information on other hazards	None known.
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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	
Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.
12.2 Persistence and degradability	No information on this formulation.
12.3 Bioaccumulative potential	No information on this formulation.
12.4 Mobility in soil	Insoluble in water. The product is predicted to have low mobility in soil.
12.5 Results of PBT and vPvB assessment	Not classified as PBT or vPvB.

12.6 Endocrine disrupting properties

Does not cause endocrine disruption.

12.7 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recover or recycle if possible. Dispose at suitable refuse site.

13.2 Additional Information

Dispose of contents in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number or ID number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

No information available

14.7 Maritime transport in bulk according to IMO instruments

No information available

SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation

REACH: Annex XIV list of substances subject to authorisation

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Community Rolling Action Plan (CoRAP) Regulation (EU) No. 2019/1021 of the European Parliament and of the Council on persistent organic pollutants

Regulation (EU) No. 2024/590 of the European Parliament and of the Council on substances that deplete the ozone layer

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals

Seveso Directive

National regulations

Other

15.2 Chemical Safety Assessment

None known.

Not known.

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

1 - 16

LEGEND

Acronyms

ATE : Acute Toxicity Estimate

CAS : Chemical Abstracts Service

CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL : Derived No Effect Level

EC : European Community

EINECS : European Inventory of Existing Commercial Chemical Substances

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS

Regulation (EC) No. 1272/2008 (CLP)

Training Advice

Regular safety training as appropriate

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