

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier

- Product name Liquid Gas Membrane
- Product code LGM-15

Relevant identified uses of the substance and uses advised against

- Intended use: Gas resistant barrier and liquid Damp Proof Membrane (DPM).

Details of the Supplier of the Material Safety Data Sheet

- Company Address Newton Waterproofing Systems, Newton House, 17-19 Sovereign Way, Tonbridge, Kent TN9 1RH
- Web www.newtonwaterproofing.co.uk
- Email address of the competent person info@newtonwaterproofing.co.uk
- Emergency telephone number +44 (0)1732 360095: 08:00/17:30 (GMT) Mon-Thur & 08:00/17:00 (GMT) Fri

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008 Not classified.

2.2 Label Elements

Hazard Statement No Significant Hazard

Supplementary Hazard Information EUH 208: Contains a mixture of 5-chloro-2-methyl-4-isothiazolin-3-one (EC no 247-500-7) and 2-methyl-2H-isothiazol-3-one (EC no 220-239-6) (3:1). May produce an allergic reaction.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Limestone (Calcium carbonate)		1317-65-3	215-279-6		20 - 30%	
Octan-1-ol, ethoxylated		27252-75-1	500-058-1		0 - 0.5%	
Triiron Tetraoxide		1317-61-9	215-277-5	01-2119457646-28	1 - 10%	

Further information The product is not hazardous to health in normal use.

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4. FIRST AID MEASURES

4.1 Description of First Aid Measures

Inhalation:

No first aid requirements.

Eye contact:

Rinse immediately with plenty of water.

Skin Contact:

Wash with soap and water.

Ingestion:

Drink 1 to 2 glasses of water. If you feel unwell, seek medical advice (show the label where possible).

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Inhalation:

No known adverse health effects.

Eye contact:

No irritation expected.

Skin Contact:

Prolonged or repeated exposure may cause: Dryness.

Ingestion:

Ingestion may cause nausea and vomiting.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2 Special damages caused by the substance or mixture:

None known.

5.3 Advice for firefighting crews:

The product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing and eye/face protection.

6.2 Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe. Do not flush into surface water.

6.3 Methods and materials for containment and cleaning Up

Absorb with inert, absorbent material. Sweep up. Clean spillage area thoroughly with plenty of water.

6.4 Reference to other sections

SECTION 13: Disposal considerations. SECTION 8: Exposure controls/personal protection.

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7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Do not eat, drink or smoke when using this product. Wear suitable gloves. In case of splashing, wear safety glasses.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Keep out of reach of children.

Further Information

Protect from frost.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Limestone	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m ³ total 10 inhalable dust: WEL 8-hr limit mg/m ³ total 4 respirable dust:	WEL 8-hr limit mg/m ³ - WEL 15 min limit mg/m ³ - WEL 15 min limit mg/m ³ total - inhalable dust: WEL 15 min limit mg/m ³ - respirable dust:
Limestone (Calcium carbonate)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m ³ total 10 inhalable dust: WEL 8-hr limit mg/m ³ total 4 respirable dust:	WEL 8-hr limit mg/m ³ - WEL 15 min limit mg/m ³ - WEL 15 min limit mg/m ³ total - inhalable dust: WEL 15 min limit mg/m ³ - respirable dust:
Limestone (Marble)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m ³ total 10 inhalable dust: WEL 8-hr limit mg/m ³ total 4 respirable dust:	WEL 8-hr limit mg/m ³ - WEL 15 min limit mg/m ³ - WEL 15 min limit mg/m ³ total - inhalable dust: WEL 15 min limit mg/m ³ - respirable dust:

8.2 Exposure controls:

8.2.2. Individual protection measures



Eye / face protection

Skin protection

Respiratory protection

Avoid contact with eyes and skin.

Not normally required. In case of splashing, wear: Safety glasses.

Handprotection Wear suitable gloves.

Not normally required.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Appearance	Liquid
Colour	Black
Odour	Mild
pH	7 - 9
Freezing Point	≈ 0 °C
Initial boiling point	≥ 100 °C
Autoignition temperature	Not determined
Solubility	Soluble in water

9.2. Other information

Specific gravity	≈ 1.25 g/cm ³
VOC (Volatile organic compounds)	< 5 g/l

10. STABILITY AND REACTIVITY

10.1 Reactivity:

Not reactive.

10.2 Chemical stability:

Stable under normal conditions.

Do NOT allow to freeze.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Do NOT allow to freeze. Store at temperatures above 5 °C. Keep away from heat.

10.5. Incompatible materials

No specific material or group of materials is likely to react with the product to produce a hazardous situation. Keep away from food, drink and animal feedingstuffs.

10.6 Harmful decomposition products:

None known.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	No sensitization effects reported.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No teratogenic effects reported.

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STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Repeated or prolonged exposure.	Repeated exposure may cause skin dryness or cracking

11.14 Toxicological Information

No data available.

This product is not classified as an endocrine disruptor and contains no constituents suspected as, or classified as, endocrine disruptors.

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	This product does not meet the criteria for classification as PBT or vPvB.
12.6. Other adverse effects	None known.

13. DISPOSAL CONSIDERATIONS

General information

The product is classified as non hazardous. Dispose of in compliance with all local and national regulations.

08 01 12 waste paint and varnish other than those mentioned in 08 01 11.

Disposal of packaging

Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling.

14. TRANSPORT INFORMATION

14.1. UN number	The product is not classified as dangerous for carriage.
14.2. UN proper shipping name	The product is not classified as dangerous for carriage.
14.3. Transport hazard class(es)	The product is not classified as dangerous for carriage.
14.4. Packing group	The product is not classified as dangerous for carriage.
14.5. Environmental hazards	The product is not classified as dangerous for carriage.
14.6. Special precautions for user	The product is not classified as dangerous for carriage.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	The product is not classified as dangerous for carriage.
Further information	The product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

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

Regulations

This Safety Data Sheet has been prepared in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Classification has been made in accordance with Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation).

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorisation in accordance with Article 59.

This product does not contain SVHC's $\geq 0.1\%$

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction This product does not contain substances subject to restriction.

EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorisation This product does not contain substances subject to authorisation.

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

N/A.

15.2. Chemical safety assessment

Not required.

16. OTHER INFORMATION

Revision

This document differs from the previous version in the following areas: 9 - 9.2. Other information (Specific gravity).

Data sources

Data extracted from individual component Safety Data Sheets.

Maximum content of VOC

5 g/l.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Please make sure to refer to these and / or the relevant agreement which you have with Newton Waterproofing Systems.