



SAFETY DATA SHEET

(According to Regulation (EC) No 1906/2006, Annex II,
as amended by Regulation (EU) No 453/2010)

Product Name: **Bitumous Roofing Membranes**

Version No. 1

Issue Date: 1st June 2021

Revision Date: 1st June 2021

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

1.1. Product identifier

Product name Bitumous Roofing Membranes

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

Identified uses Roofing
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier The Garland Company UK Ltd
Second Way
Avonmouth
Bristol
BS11 8DF

Telephone 01174 401050
Website www.garlandukltd.co.uk

1.4. Emergency telephone number

Emergency telephone +44 01827 69662 (NOT 24HRS - 8am-5pm mon-fri)
Competent person email trevor@rising-hsande.co.uk

National response centre

Address NHS Direct
Emergency telephone No +44 (0)113 825 0000 or (UK) 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture Classification (EC 1272/2008)

Physical hazards Not classified

Health hazards Not classified

Environmental hazards Not classified

Physicochemical Not classified

2.2. Label elements

Hazard pictograms None

Signal word None

Hazard statements None

Precautionary statements None

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2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1. Substances

No information available.

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Get medical attention if any discomfort continues.
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Rinse mouth. If patient feels unwell call a doctor.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. If symptoms persist get medical attention.

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

General information No further relevant information available.

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

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Foam, sand, CO ₂ , powder or water spray. Fight larger fire with alcohol resistant foam.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Standard bitumen based roofing membranes are combustible and release dense black smoke when they burn.

5.3. Advice for firefighters

Protective actions during firefighting	Control run-off water by containing and keeping it out of sewers and watercourses. Avoid breathing fire gases or vapours. Keep up-wind to avoid fumes. Cool endangered receptacles with water spray.
Special protective equipment	Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from ignition sources. Use respiratory protective device against the effects of fumes/dust/aerosol.

6.2. Environmental precautions

Environmental precautions Not applicable.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Methods and materials for contamination containment and cleaning up: Sweep up or gather material and place in appropriate container for disposal

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6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Avoid inhaling dust or fumes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Material should be kept dry, at room temperature and protected against weather conditions.

Storage class Unknown

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters Occupational exposure limits

No additional information available.

8.2. Exposure controls

Protective equipment

Appropriate engineering controls Provide adequate ventilation.

Eye/face protection The following protection should be worn: Safety glasses with side shields.

Hand protection Protective gloves.

Other skin and body protection Anti-slip footwear.

Hygiene measures Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Wash contaminated clothing before reuse. Wash hands after handling. Eating, smoking and water fountains prohibited in immediate work area.

Respiratory protection Not applicable.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Solid

Colour Grey-black

Odour No information available.

Odour threshold No information available.

pH No information available.

Melting point No information available.

Initial boiling point and range No information available.

Flash point Not applicable.

Evaporation rate Not determined.

Evaporation factor No information available.

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Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Other flammability	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Density	No information available.
Bulk density	No information available.
Solubility(ies)	Insoluble in water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	No information available.
Explosive under the influence of a flame	No information available.
Oxidising properties	There are no chemical groups present in the product that are associated with oxidising properties.

9.2. Other information

Particle size	No information available.
Volatility	No information available.
Volatile organic compound	No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

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

Possibility of hazardous reactions	None under normal use.
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10.4. Conditions to avoid

Conditions to avoid	None known
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10.5. Incompatible materials

Materials to avoid	None known.
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10.6. Hazardous decomposition products

Bitumen fumes and dense black smoke if heated to excessive temperatures.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity – oral

Product Name: **Bitumous Roofing Membranes**

Oral toxicity No information available.

Acute toxicity - dermal

Dermal toxicity No information available.

Acute toxicity - inhalation

Inhalation toxicity No information available.

Skin corrosion/irritation

Skin corrosion/irritation No information available.

Serious eye damage/irritation

Serious eye damage/irritation No information available.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation No information available.

Carcinogenicity

Carcinogenicity There is no evidence that the product can cause cancer.

Reproductive toxicity

Reproductive toxicity - fertility No information available.

Reproductive toxicity development This substance has no evidence of toxicity to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard Classification not possible.

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

Mobility No information available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB No information available

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

Product Name: **Bitumous Roofing Membranes**

13.1. Waste treatment methods

General information	Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

Not regulated for shipping.

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	Not applicable
Proper shipping name (IMDG)	Not applicable
Proper shipping name (ICAO)	Not applicable
Proper shipping name (ADN)	Not applicable

14.3. Transport hazard class(es)

ADR/RID class	Not applicable
ADR/RID label	Not applicable
IMDG class	Not applicable
ICAO class/division	Not applicable
ADN class	Not applicable

14.4. Packing group

ADR/RID packing group	Not applicable
IMDG packing group	Not applicable
ICAO packing group	Not applicable
ADN packing group	Not applicable

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant	No
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14.6. Special precautions for user

No data available.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

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

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). Control of Substances Hazardous to Health Regulations 2002 (as amended).
EU legislation	Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

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15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Store Between

Store Between 5'c - 25'c

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.