



LAVA 20 POLYESTER REINFORCING FABRIC

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its
Amendment Regulation (EC) No. 1272/2008 (CLP) and EU 2020/878

Printing Date 16. 09. 2025

Version Number 3 (replaces version 2)

Revision: 16. 09. 2025

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

1.1 Product identifier

Trade name: LAVA 20 POLYESTER REINFORCING FABRIC

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

No further relevant information available.

Application of the substance / the mixture: Non-woven polyester geotextile designed to reinforce Lava 20 liquid-applied waterproofing membranes.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

OWL WATERPROOFING SOLUTIONS

135 Slaney Road, Dublin Industrial Estate

Glasnevin, Dublin 11

Tel: +353 01 830 2250

Email: info@owlwaterproofing.co.uk

Website: www.owlwaterproofing.co.uk

1.4 Emergency telephone number:

European Emergency Tel.: +353 01 830 2250

SECTION 2: Hazards identification

2.1 Substance or Mixture Classification

Classification as per Regulation (EC) No 1272/2008 (CLP): The substance is not classified under the CLP regulation.

2.2 Label Elements

Labelling in Accordance with Regulation (EC) No 1272/2008 (CLP): Not applicable.

Hazard Pictograms: None

Signal Word: None

Hazard Statements: None

2.3 Additional Hazards

PBT and vPvB Assessment:

This product does not contain any components classified as persistent, bioaccumulative, and toxic (PBT) or as very persistent and very bioaccumulative (vPvB).

PBT: Not applicable

vPvB: Not applicable

Assessment of Endocrine-Disrupting Properties:

The product does not include substances listed under Article 59(1) of REACH for endocrine-disrupting effects, nor has it been identified as having such properties according to the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.



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SECTION 3: Composition/information on ingredients

This product contains no ingredients classified as hazardous, nor any hazardous ingredients above the GHS cut-off level.

SECTION 4: First aid measures

4.1 Description

General Advice:

Move the affected individual to an area with fresh air.

Seek prompt medical attention.

If Inhaled:

Ensure the person has access to fresh air and call a doctor for further assistance.

If the person is unconscious, position them on their side for safe transportation.

Skin Contact:

Wash the affected area immediately with soap and water, and rinse thoroughly.

If irritation persists, seek medical advice.

If in Eyes:

Rinse eyes thoroughly with water, gently lifting both the upper and lower eyelids.

Remove contact lenses if present.

Continue rinsing for at least 15 minutes.

Seek medical care if irritation continues.

If Swallowed:

Have the person drink plenty of water and ensure access to fresh air. Contact a doctor immediately.

Provide the label or Safety Data Sheet to the medical professional.

4.2 Key Symptoms and Effects, Both Acute and Delayed No additional relevant information available.

4.3 Indication of Immediate Medical Attention and Special Treatment No further specific information available.

SECTION 5: Firefighting measures

5.1 Extinguishing Media Appropriate Extinguishing Methods: Use CO₂, dry powder, or water spray to extinguish fires.

Inappropriate Extinguishing Methods: Avoid using a full jet of water for safety reasons.

5.2 Special Hazards from the Substance or Mixture: Hazardous decomposition: Thermal decomposition of the fiber coating may release irritating smoke and fumes.

5.3 Firefighting Advice

Protective Gear: Firefighters should wear self-contained breathing apparatus and protective clothing when dealing with a fire involving this substance.

Additional Information: Collect firefighting water that has been contaminated separately, ensuring it does not enter the sewage system.



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SECTION 6: Accidental release measures

6.1 Personal Precautions, Protective Gear, and Emergency Measures

Use appropriate protective equipment and ensure that unprotected individuals are kept away.

Avoid any contact with skin and eyes.

6.1.1 For Non-Emergency Personnel Utilize personal protective equipment when handling the product.

6.1.2 For Emergency Responders First-aid responders should be equipped with protective clothing, gloves, goggles, and a respiratory device with an A-type filter.

6.2 Environmental Precautions Prevent the product from contaminating sewers, waterways, or other aquatic environments.

6.3 Containment and Cleanup Methods Gather the waste fabric, transfer it into an appropriate disposal container, and handle it through recycling, controlled incineration, or landfill as permitted by local disposal guidelines

SECTION 7: Handling and storage

7.1 Safe Handling Precautions

Avoid direct contact with skin and eyes.

Do not consume food, drinks, or smoke while handling this product.

Wash hands thoroughly after use.

Fire and Explosion Safety: No specific protective measures are necessary.

7.2 Safe Storage Conditions, Including Incompatibilities

Ensure containers are handled gently to avoid breakage or leaks. Store the material in a temperature-controlled facility (below 60°C) fitted with a sprinkler system, and keep it elevated from the floor to protect against potential water exposure. Incompatible materials: No information available.

7.3 Specific End Uses No additional relevant information is available.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters There are no ingredients requiring workplace limit value monitoring.

Exposure limits for nuisance dust are set at OSHA PEL: 15 mg/m³ (50 mppcf) TWA and ACGIH: 10 mg/m³.

8.2 Exposure Controls

8.2.1 Appropriate Engineering Controls No additional recommendations; refer to Section 7.

Personal Protection Measures

General Hygiene and Safety Practices:

Keep away from food, beverages, and animal feed.

Wash hands before breaks and after completing tasks.

Store protective gear separately from other clothing.

Prevent direct contact with skin and eyes.

Respiratory Protection:



For short-term exposure or in low-risk environments, use a respiratory filter. For extended or more intense exposure, wear a self-contained respiratory protection device.



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Hand Protection



Wear appropriate gloves compliant with EN 374 standards.

The gloves must be impermeable and resistant to the product or substance.

Due to a lack of specific testing, no particular glove material can be recommended for this product or mixture. Choose glove materials based on penetration time, diffusion rates, and resistance to degradation.

Material Selection for Gloves

The choice of suitable gloves depends not only on the material but also on other quality factors, which can differ between manufacturers. Since the product is a combination of various substances, glove resistance should be verified prior to use.

Penetration Time of Glove Material

Penetration times, as defined by EN 16523-1:2015, are determined under laboratory conditions and may not reflect practical use. Therefore, it is recommended to limit wearing time to 50% of the stated penetration time.

Eye/Face Protection



Wear protective goggles during packaging and processing tasks.

Body Protection



Use appropriate protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Fabric Solid
Colour:	Colourless
Odour:	Odourless
Odour threshold:	Not determined



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Melting point/freezing point:	Not determined
Boiling point or initial boiling point and boiling range	Not specified
Flammability	Product is not flammable
Lower and upper explosion limit Lower: Upper:	Not determined Not determined
Flash point:	Not Flammable
Auto-ignition temperature:	Not specified
Decomposition temperature:	Not determined
pH	Not applicable
Viscosity: Kinematic viscosity	Not applicable
Dynamic:	Not applicable
Solubility water:	Insoluble
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure:	Not applicable
Density and/or relative density Density: Relative density Vapour density	Not determined Not determined Not applicable



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9.2 Other Information No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity Hazardous polymerization will not occur.

10.2 Chemical Stability The product remains stable under normal environmental temperatures, with no thermal decomposition expected.

10.3 Potential for Hazardous Reactions No known hazardous reactions under standard conditions.

10.4 Conditions to Avoid Combustible when exposed to open flames.

10.5 Incompatible Materials No further information on incompatible substances is available.

10.6 Hazardous Decomposition Products When exposed to high temperatures, the fiber coating may break down and release irritating smoke and fumes.

SECTION 11: Toxicological information

This product contains no hazardous ingredients above GHS cut-off levels. Where specific LD50 data is unavailable, acute toxicity estimates (ATE) were calculated using conversion methods.

Hazard Classification:

Acute toxicity (oral, dermal, inhalation): Not applicable

Skin/eye irritation or corrosion: Not applicable

Respiratory or skin sensitization: Not applicable

Germ cell mutagenicity, carcinogenicity, reproductive toxicity: Not applicable

STOT (single or repeated exposure), aspiration hazard: Not applicable

SECTION 12: Ecological information

12.1 Toxicity

Aquatic Toxicity: No additional relevant information available.

12.2 Persistence and Degradability No further information is currently available.

12.3 Bioaccumulative Potential No relevant data available.

12.4 Mobility in Soil No further information is available.

12.5 PBT and vPvB Assessment

The product does not contain components classified as persistent, bioaccumulative, and toxic (PBT) or as very persistent and very bioaccumulative (vPvB) at concentrations of 0.1% or higher, in accordance with REACH Annex XIII.

PBT: Not applicable

vPvB: Not applicable

12.6 Endocrine Disrupting Properties

The product does not include substances listed under Article 59(1) of REACH for endocrine-disrupting effects, nor has it been identified as having endocrine-disrupting properties based on the criteria in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at concentrations of 0.1% or more.



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SECTION 13: Disposal considerations

13.1 Waste Disposal Methods

Recommendation:

Follow national regulations for proper disposal of waste.
Consult the manufacturer for details on recycling options.



SECTION 14: Transport information

14.1 UN number or ID number ADR, ADN, IMDG, IATA	Not classified as dangerous for transport. Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable
UN "Model Regulation":	Void

SECTION 15: Regulatory information

The regulatory information in Section 15 is not exhaustive; only key regulations are included.

Toxic Substances Control Act (TSCA): All components are listed or exempt from the TSCA Inventory.

WHMIS Classification: Not regulated.

US EPA Tier II Hazards:



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Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): No

Delayed (Chronic): No

EPCRA 311/312, EPCRA 302, EPCRA 313: No chemicals present at reportable levels.

Proposition 65 (Carcinogens, Developmental, Female Repro, Male Repro Toxins): No
chemicals present at reportable levels.

New Jersey RTK Substances (>1%): None listed.

Pennsylvania RTK Substances (>1%): None listed.

SECTION 16: Other information

The information provided here reflects our current understanding. It does not serve as a guarantee of specific product properties, nor does it create a legally binding agreement.

Training Recommendations

Employees should receive appropriate training on safe handling, storage, and processing of the product, utilizing all available information as a reference. Classification Under Regulation (EC) No 1272/2008

Department issuing SDS:



OWL WATERPROOFING SOLUTIONS

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Version number of previous version: 1

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

*** Data compared to the previous version altered.**