



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

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

1.1 Product identifier

Trade name: LAVA DETAIL 20

UFI: A361-W0GX-F00W-KM90

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

Application of the substance / the mixture: Waterproofing Coating

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 Classification of the substance or mixture

Classification according to Regulation EC No 1272/2008 CLP:

GHS02 flame



Flam. Liq. 3 H226 Flammable liquid and vapour.

GHS08 health hazard



Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

GHS07



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

2.2 Label elements

Labelling according to Regulation EC No 1272/2008 CLP:

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:



GHS02



GHS08

Signal word: Danger

Hazard-determining components of labelling:

Reaction mass of ethylbenzene and m-xylene and p-xylene

m-tolylidene diisocyanate

4,5-dichloro-2-octyl-2H-isothiazol-3-one

Hazard statements:

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

H373 May cause damage to organs through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P331 Do NOT induce vomiting.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH204 Contains isocyanates. May produce an allergic reaction.

As from 24 August 2023 adequate training is required before industrial or professional use.

The synthetic polymer microparticles supplied are subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council.

2.3 Other hazards

Results of PBT and vPvB assessment



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

The product does not contain ingredients that are considered either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties

The product does not contain substances included in the list established in accordance with Article 59(1) of REACH for endocrine disrupting properties or has not been identified as having endocrine disrupting properties according to the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or higher than 0.1%.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture: consisting of the following components.

Ingredients according Regulation (EU) 2020/878:

EC number: 905-562-9 Reg.nr.: 01- 2119488216-32-XXXX	Reaction mass of ethylbenzene and m-xylene and pxylene Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335; Aquatic Chronic 3, H412 Specific concentration limit: STOT RE 2; H373: C $\geq$ 10 %	$\geq$ 10-<25%
CAS: 26471-62-5 EINECS: 247-722-4 Index number: 615-006-00-4 Reg.nr.: 01- 2119454791-34-XXXX	m-tolyldiene diisocyanate Acute Tox. 2, H330; Resp. Sens. 1, H334; Carc. 2, H351; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335; Aquatic Chronic 3, H412, EUH204 Specific concentration limit: Resp. Sens. 1; H334: C $\geq$ 0.1 % substance with a Community workplace exposure limit	$\geq$ 0.1-<1%
CAS: 64359-81-5 EINECS: 264-843-8 Index number: 613-335-00-8	4,5-dichloro-2-octyl-2H-isothiazol-3-one Acute Tox. 2, H330; Skin Corr. 1, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Acute Tox. 4, H302; Skin Sens. 1A, H317	$\geq$ 0.0025-<0.025%



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

	ATE: LD50 oral: 567 mg/kg Specific concentration limits: Skin Irrit. 2; H315: C $\geq$ 0.025 % Eye Irrit. 2; H319: C $\geq$ 0.025 % Skin Sens. 1A; H317: C $\geq$ 0.0015 %	
CAS: 1317-65-3 EINECS: 215-279-6	limestone substance with a Community workplace exposure limit	$\geq$ 30-<35%
CAS: 28553-12-0 EINECS: 249-079-5 Reg.nr.: 01- 2119430798-28-XXXX	diisononyl phthalate substance with a Community workplace exposure limit	$\geq$ 2.5-<5%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006- 00-2 Reg.nr.: 01- 2119489379-17-XXXX	titanium dioxide substance with a Community workplace exposure limit	$\geq$ 2.5-<3%

SVHC Statement:

This product does not contain any substances identified as candidates for very high concern (SVHC) at concentrations of 0.1% or more, in accordance with Regulation (EC) No 1907/2006 (REACH), Article 59.

Additional Information:

Titanium dioxide (CAS: 13463-67-7)

Note 10: The inhalation carcinogen classification only applies to mixtures in powder form that contain 1% or more of titanium dioxide particles with an aerodynamic diameter of $\leq$ 10 μ m.

For the detailed wording of hazard phrases, please refer to Section 16.

SECTION 4: First aid measures

4.1 First Aid Measures

General Information:

Move affected individuals to fresh air immediately. Seek prompt medical assistance.

Inhalation:

Provide fresh air. Always consult a doctor. If the person is unconscious, place them in a stable side position for safe transport.



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

Skin Contact:

Wash the skin thoroughly with soap and water. Rinse completely. If irritation persists, seek medical advice.

Eye Contact:

Rinse eyes thoroughly with plenty of water, lifting both upper and lower eyelids intermittently. Remove contact lenses, if applicable, and continue rinsing for at least 15 minutes. Seek medical help if irritation occurs. Avoid using strong water jets, as they may cause corneal damage—consult a doctor.

Ingestion:

Do not induce vomiting. Contact medical assistance immediately. Drink plenty of water and get fresh air. Consult a doctor immediately and present the product label or Safety Data Sheet.

4.2 Important Symptoms and Effects (Acute and Delayed)

No additional relevant information available.

4.3 Need for Immediate Medical Attention and Special Treatment

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: CO₂, powder or water spray.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

Carbon monoxide (CO)

Carbon dioxide (CO₂)

5.3 Advice for firefighters

Protective equipment:

Mouth respiratory protective device.

Wear fully protective suit.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures:

Use appropriate protective gear. Keep those without protection at a safe distance.

Avoid skin and eye contact.

Prevent inhalation of vapors.

Wear protective clothing and ensure sources of ignition are kept away.

6.1.1 For Non-Emergency Personnel:

Avoid contact with any leaking or spilled material.

6.1.2 For Emergency Responders:

First aid responders should be equipped with protective clothing, gloves, goggles, and respirators.

6.2 Environmental Precautions:

Prevent the product from entering drains, surface water, or groundwater systems.



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

6.3 Methods and Materials for Containment and Cleanup:

Use absorbent materials such as sand or diatomite to collect the spill.

6.4 Reference to Other Sections:

For details on safe handling, refer to Section 7.

For information on personal protective equipment, see Section 8.

For disposal instructions, refer to Section 13.

SECTION 7: Handling and storage

7.1 Safe Handling Precautions

Ensure proper ventilation or exhaust at the workplace.

Avoid direct contact with skin and eyes.

Do not eat, drink, or smoke while handling this product.

Wash hands thoroughly after use.

Contaminated clothing should be cleaned before reuse.

Fire and Explosion Protection:

Keep ignition sources at a distance – no smoking.

Prevent the build-up of electrostatic charges.



7.2 Safe Storage Conditions and Incompatibilities

Storage: Store in tightly sealed containers in a well-ventilated area. Keep the storage area cool.

Storage Room and Container Requirements:

Maintain a cool storage environment.

Storage Compatibility:

Store away from oxidizing agents.

Additional Storage Information:

Ensure containers are tightly closed.

Protect from heat and direct sunlight.

7.3 Specific End Uses

No additional relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS: 1317-65-3 limestone

WEL (Great Britain)	Long-term value: 10* 4** mg/m ³ *inhalable dust; **respirable
---------------------	---

CAS: 28553-12-0 diisononyl phthalate

WEL (Great Britain)	Long-term value: 5 mg/m ³
---------------------	--------------------------------------



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

CAS: 13463-67-7 titanium dioxide

WEL (Great Britain)	Long-term value: 10* 4** mg/m ³ *total inhalable **respirable
---------------------	---

CAS: 26471-62-5 m-tolylidene diisocyanate

WEL (Great Britain)	Short-term value: 0.07 mg/m ³ Long-term value: 0.02 mg/m ³ Sen; as -NCO
---------------------	---

DNELs

(EC: 905-562-9) Reaction mass of ethylbenzene, m-xylene and p-xylene

Workers:

Long-term systemic effect, by inhalation: 221 mg/m³

Long-term local effect, by inhalation: 221 mg/m³

Short-term local effect, inhalation: 442 mg/m³

Long-term systemic effect, dermal: 212 mg/kg bw/d

Consumers:

Long-term systemic effect, inhalation: 65.3 mg/m³

Short-term systemic effect, inhalation: 260 mg/m³

Long-term local effect, inhalation: 65.3 mg/m³

Short-term local effect, inhalation: 260 mg/m³

Long-term systemic effect, dermal: 125 mg/kg bw/d

Long-term systemic effect, oral: 12.5 mg/kg bw/d

(CAS: 13463-67-7) Titanium dioxide

Employees:

Inhalation - Local effects, Long-term exposure: 1.25 mg/m³

Consumers:

Inhalation - Local effects, Long-term exposure: 210 µg/m³

PNECs

(EC: 905-562-9) reaction mass of ethylbenzene and m-xylene and p-xylene

Fresh water: 0.044 mg/l

Fresh water (intermittent releases): 0.01 mg/l

Marine water: 0.004 mg/l

STP: 1.6 mg/l

Freshwater sediment: 2.52 mg/kg of sediment dw

Marine water sediment: 0.252 mg/kg sediment dw

Soil: 0.852 mg/kg



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

8.2 Exposure controls

8.2.1. Appropriate engineering controls Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

General Protective and Hygiene Measures:

Keep the product away from food, beverages, and animal feed.

Wash hands before taking breaks and after completing work.

Avoid eye and skin contact.

Refrain from eating, drinking, or smoking while using the product.

Remove contaminated clothing and wash thoroughly before reusing.

Do not inhale vapors or mists.

Respiratory Protection:



If ventilation is inadequate, use an appropriate respiratory protective device. In poorly ventilated areas or when spraying, an air-fed mask is recommended. For shorter periods, a combination of a charcoal filter and a particulate filter (A2-P2, EN529) is advised.

Hand Protection:



Wear chemical-resistant gloves that comply with standard EN 374-1. Gloves must be impermeable and resistant to the product or substances being handled. Consider glove material based on penetration times, diffusion rates, and degradation.

Material for Gloves:

For handling at room temperature:

- Butyl rubber (IIR) with a thickness of $\geq 0.5\text{mm}$ and a breakthrough time of ≥ 480 minutes.
- Fluorinated rubber (FKM) with a thickness of $\geq 0.4\text{mm}$ and a breakthrough time of ≥ 480 minutes.

Contaminated gloves should be disposed of properly. Glove selection depends not only on the material but also on other quality factors, which may vary by manufacturer. Since this product is a mixture, glove resistance should be verified before use. The recommended glove penetration time is ≥ 480 minutes, but in practice, gloves should be worn for a maximum of 50% of that time.

Eye/Face Protection:



Wear safety glasses with side shields (e.g., EN 166).

Body Protection:



Wear chemically resistant protective clothing (EN 14605) and protective boots.



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Viscous liquid
Colour:	Various colours
Odour:	Characteristic
Odour threshold:	Not determined
Melting point/freezing point:	Not determined
Boiling point or initial boiling point and boiling range	130-150 °C (Reaction mass of ethylbenzene and m-xylene and p-xylene)
Flammability	Not applicable
Lower and upper explosion limit Lower: Upper:	Not determined Not determined
Flash point:	31 °C (Pensky-Martens)
Auto-ignition temperature:	488 °C (xylene, Reaction mass of ethylbenzene and m-xylene and p-xylene)
Decomposition temperature:	Not determined
Viscosity: Kinematic viscosity at 23 °C Dynamic at 20 °C:	54 s (ISO 2431/Flow time tISO) >90 mPas
Solubility water:	Not miscible



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure:	Not determined
Density and/or relative density Density at 20 °C: Relative density Vapour density	1.35 g/cm ³ Not determined Not determined
9.2 Other information	
Appearance: Form:	Viscous liquid
Important information on protection of health and environment, and on safety	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Solvent separation test:	<1 % (UN Part III, par. 32.5.1)
Solvent content:	
VOC (EC)	249 g/l
Drip point:	
Oxidising properties	Not classified as an oxidizer according to CLP Regulation 1272/2008/EC.
Evaporation rate	Not determined



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Flammable liquid and vapour.
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

SECTION 10: Stability and reactivity

10.1 Reactivity

No additional relevant information available.

10.2 Chemical Stability

The product is stable under normal environmental temperatures.

Thermal decomposition/conditions to be avoided: none under recommended conditions.

10.3 Possibility of Hazardous Reactions

No known hazardous reactions.

10.4 Conditions to Avoid

Avoid exposure to heat, sparks, open flames, or any other ignition sources.

10.5 Incompatible Materials

Keep away from oxidizing agents.

10.6 Hazardous Decomposition Products

Potential decomposition products include carbon dioxide (CO₂) and carbon monoxide (CO).

SECTION 11: Toxicological information

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

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification: ATE (Acute Toxicity Estimates)

Inhalative	LC50/4 h (vapour)	107 mg/l
------------	-------------------	----------

Reaction mass of ethylbenzene and m-xylene and p-xylene

Oral	LD50	>3,523 mg/kg (rat)
Dermal	LD50	>12,126 mg/kg (rabbit)
Inhalative	LC50/4 h (vapour)	>27 mg/l (rat)

CAS: 13463-67-7 titanium dioxide

Dermal	LD50	>5,000 mg/kg (rat)
Inhalative	LC50/4 h (vapour)	>6.82 mg/l (rat)

CAS: 26471-62-5 m-tolylidene diisocyanate

Oral	LD50	>2,000 mg/kg (rat) (Acute Oral Toxicity)
Dermal	LD50	>2,000 mg/kg (rabbit) (Acute Dermal Toxicity)
Inhalative	LC50/4 h (vapour)	0.107 mg/l (rat)



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

CAS: 64359-81-5 4,5-dichloro-2-octyl-2H-isothiazol-3-one

Oral	LD50	567 mg/kg (ATE)
Inhalative	LC50/4h (dusts and mists)	0.16 mg/l

Skin Corrosion/Irritation Causes irritation to the skin.

Serious Eye Damage/Irritation Causes significant irritation to the eyes.

Respiratory or Skin Sensitisation

Inhalation may trigger allergic reactions, asthma symptoms, or breathing difficulties.

May cause an allergic reaction upon skin contact.

Germ Cell Mutagenicity

Based on current data, the product does not meet the criteria for classification.

Carcinogenicity Classification criteria are not met according to available data.

Reproductive Toxicity No evidence suggests this product meets the classification criteria.

STOT (Specific Target Organ Toxicity) – Single Exposure Available data indicates no classification is required.

STOT – Repeated Exposure

Classified as STOT Repeated Exposure Category 2.

Prolonged or repeated exposure may lead to organ damage.

Aspiration Hazard

Classified as Aspiration Toxicity Category 1.

May be fatal if swallowed and enters the respiratory system.

Additional Toxicological Information: The product may cause sensitization through skin contact.

11.2 Information on Other Hazards

Endocrine Disrupting Properties:

The product does not contain substances listed under Article 59(1) of REACH for endocrine-disrupting properties, nor does it meet the criteria of Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at concentrations of 0.1% or higher.

None of the ingredients are listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Reaction mass of ethylbenzene and m-xylene and p-xylene

EC50 (72h)	4.6-4.9 mg/l (algae)
EC50 (48h)	10.389 mg/l (Daphnia magna)
LC50 (96h)	>2.6 mg/l (fish)



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

CAS: 13463-67-7 titanium dioxide

EC50 (72h)	100 mg/l (algae)
EC50 (48h)	2.41-103.9 mg/l (Daphnia magna)
LC50 (96h)	1 mg/l (fish)
NOEC(72h)	100 mg/l (algae)
NOEC (21d)	5 mg/l (Daphnia magna)
NOEC (14d)	0.87-1.1 mg/l (fish)

CAS: 26471-62-5 m-tolylidene diisocyanate

EC50 (72h)	3,230 mg/l (algae)
EC50 (48h)	12.5 mg/l (daphnia magna)
LC50 (96h)	133 mg/l (fish)

12.2 Persistence and Degradability

No additional information is available regarding persistence or degradability.

12.3 Bioaccumulative Potential

There is no further relevant information available concerning the bioaccumulative potential.

12.4 Mobility in Soil

No further details are available on the mobility of the product in soil.

12.5 PBT and vPvB Assessment Results

The product does not contain any components classified as persistent, bioaccumulative, and toxic (PBT), nor very persistent and very bioaccumulative (vPvB) at concentrations of 0.1% or higher, as outlined in REACH Annex XIII.

-PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine Disrupting Properties

This product does not contain any substances listed under REACH Article 59(1) for endocrine disrupting properties. It has also not been identified as having endocrine-disrupting effects, according to the criteria in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605, at concentrations of 0.1% or greater.



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

12.7 Other Adverse Effects

Remark: The product is harmful to fish.

Additional ecological information:

The product contains substances that pose a threat to the environment. It is harmful to aquatic life.

Avoid releasing undiluted product or large amounts into groundwater, watercourses, or sewage systems.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Dispose of this product in accordance with national regulations. It must not be discarded with household waste, and care should be taken to prevent the product from entering the sewage system.

For recycling information, please contact the manufacturer.



European Waste Catalogue Classifications:

- HP3: Flammable
- HP5: Specific Target Organ Toxicity (STOT) / Aspiration Toxicity
- HP14: Ecotoxic

Uncleaned Packaging:

Recommendation:

Dispose of packaging in compliance with official regulations.

SECTION 14: Transport information

14.1 UN number or ID number ADR, IMDG, IATA	UN1866
14.2 UN proper shipping name ADR IMDG, IATA	1866 RESIN SOLUTION RESIN SOLUTION
14.3 Transport hazard class(es) ADR, IMDG, IATA  Class Label	 3 Flammable liquids. 3
14.4 Packing group ADR, IMDG, IATA	III



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Warning: Flammable liquids.
Hazard identification number (Kemler code):	30
EMS Number:	F-E, <u>S-E</u>
Stowage Category	A
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	
ADR Limited quantities (LQ) Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
Transport category	3
Tunnel restriction code	D/E
Remarks:	• Viscous liquid par. 2.2.3.1.5., 2.2.3.1.5.2 ADR and par. 2.3.2.5 of the IMDG Code. • Exception for packages: ≤ 5 liters. - In accordance to paragraphs 2.2.3.1.5, 2.2.3.1.5.2 of ADR (road transport) and 2.3.2.5 of the IMDG Code (marine transport) for packaging ≤ 5 liters (L), are not subject to the ADR agreement and are not subject to the provisions for the marking, labelling and testing of packages (IMDG).



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

IMDG Limited quantities (LQ) Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
Remarks:	• Viscous liquid par. 2.2.3.1.5., 2.2.3.1.5.2 ADR and par. 2.3.2.5 of the IMDG Code. • Exception for packages: ≤ 5 liters. - In accordance to paragraphs 2.2.3.1.5, 2.2.3.1.5.2 of ADR (road transport) and 2.3.2.5 of the IMDG Code (marine transport) for packaging ≤ 5 liters (L), are not subject to the ADR agreement and are not subject to the provisions for the marking, labelling and testing of packages (IMDG).
UN "Model Regulation":	UN 1866 RESIN SOLUTION, 3, III

SECTION 15: Regulatory information

15.1 Safety, Health, and Environmental Regulations/Legislation Specific to the Substance or Mixture

This product is subject to several regulations and directives, including Directive 94/62/EC on packaging and packaging waste, REACH Regulation 1907/2006/EC, Regulation (EU) 2020/878, and CLP Regulation 1272/2008/EC.

It also complies with Directive 98/24/EC, which focuses on the protection of workers from risks related to chemical agents at work, as well as Council Directive 94/33/EC concerning the protection of young people at work, as amended. Directive 92/85/EEC, addressing the health and safety of pregnant workers, workers who have recently given birth, or those who are breastfeeding, is also relevant, as amended.

Regarding **Directive 2012/18/EU**, the substance is not listed in Annex I as a named dangerous substance. It falls under Seveso category P5c for flammable liquids, with **qualifying quantities of 5,000 tonnes for lower-tier requirements and 50,000 tonnes for upper-tier requirements**.

Under Regulation (EC) No 1907/2006, Annex XVII, the conditions of restriction apply as per entries 3, 52a, and 74. **For Directive 2011/65/EU** on the restriction of hazardous substances in electrical and electronic equipment (Annex II), none of the ingredients are listed.

Similarly, under **Regulation (EU) 2019/1148**, none of the ingredients are listed as restricted or reportable explosive precursors in Annexes I and II, respectively.

In relation to drug precursors, none of the ingredients are listed under **Regulation (EC) No 273/2004** or **Regulation (EC) No 111/2005**, which oversees the trade of drug precursors between the Community and third countries.



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025

For **national regulations**, no other relevant regulations, limitations, or prohibitions apply. This product does not contain substances of very high concern (SVHC) as defined by **REACH Article 57**.

15.2 Chemical Safety Assessment:

A Chemical Safety Assessment has not been performed for this substance.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

EUH204 Contains isocyanates. May produce an allergic reaction.

Classification according to Regulation (EC) No 1272/2008

Flammable liquids	Bridging principles
Skin corrosion/irritation. Serious eye damage/irritation. Respiratory sensitisation Skin sensitisation. Specific target organ toxicity (repeated exposure) Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
Aspiration hazard	Expert judgement



LAVA DETAIL 20

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 12. 11. 2025

Version Number 10 (replaces version 9)

Revision: 12. 11. 2025



Department issuing SDS:

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

Version number of previous version: 8

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

ELINCS: European List of Notified Chemical Substances

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

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1: Skin corrosion/irritation – Category 1

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Resp. Sens. 1: Respiratory sensitisation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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