LAVA 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 05. 02. 2026 **Version Number 7 (replaces version 6)** **Revision: 05. 02. 2026**

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

1.1 Product identifier

Trade name: LAVA 20
UFI: AJ71-H07P-P00A-UE63

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

Application of the substance / the mixture: Polyurethane 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.: 112

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 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 05. 02. 2026 **Version Number 7 (replaces version 6)** **Revision: 05. 02. 2026**

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.

2.3 Other hazards

Results of PBT and vPvB assessment

The product contains no substances classified as persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at concentrations ≥ 0.1% w/w.

PBT: Not applicable

vPvB: Not applicable.

Determination of endocrine-disrupting properties:
The product does not contain any substances listed under Article 59(1) of REACH as endocrine disruptors, nor substances identified as having endocrine-disrupting properties under the criteria of Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at concentrations ≥ 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 ≥ 10%	≥15-<20%
CAS: 26471-62-5 EINECS: 247-722-4 Index number: 615-006-00-4 Reg.nr.: 01-2119454791-34-XXXX	m-tolylidene 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, Specific concentration limit: Resp. Sens. 1; H334: C ≥0.1 % substance with a Community workplace exposure limit	≥0.1-<0.5%
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 ATE: LD50 oral: 567 mg/kg LC50/4h (dusts and mists) inhalative: 0.16 mg/l Specific concentration limits: Skin Irrit. 2; H315: C ≥ 0.025 % Eye Irrit. 2; H319: C ≥ 0.025 %, Skin Sens. 1A; H317: C ≥ 0.0015 %	≥0.01-<0.05%
CAS: 1317-65-3 EINECS: 215-279-6	limestone substance with a Community workplace exposure limit	≥35-<40%
CAS: 13463-67-7 EINECS: 236-675-5 Reg.nr.: 01-2119489379-17-XXXX	titanium dioxide substance with a Community workplace exposure limit	≥5-<7%

SVHC:
This product contains no substances of very high concern (SVHC) at concentrations equal to or above 0.1%, in accordance with REACH Regulation (EC) No 1907/2006, Article 59.
Additional information:
For the full wording of the hazard statements, refer to Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures
General information:
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
Take affected persons out into the fresh air.
Seek immediate medical advice.
After inhalation:
If the patient becomes unconscious, secure him in a side position for transportation.
Get fresh air. Provide artificial respiratory support if necessary. Keep the patient warm.
If symptoms last, see a doctor.
After skin contact:
Wash with soap and water immediately, then thoroughly rinse.
Talk to a doctor if skin irritation persists.
After eye contact:
Rinse the opened eye under flowing water for 15 minutes.
Take off your contact lenses and keep rinsing for a few minutes.
Avoid forceful water jets to prevent corneal injury; consult a doctor.
After swallowing:
Do not force yourself to vomit; instead, contact emergency help right away.
Do not administer anything orally to an unconscious person.
Seek immediate medical advice and present the product label or this Safety Data Sheet to the physician.
4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.
4.3 Indication of any immediate medical attention and special treatment needed
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 dioxide (CO2)
Carbon monoxide (CO)

5.3 Advice for firefighters

Protective equipment:

Self-contained breathing gear

Full protective clothes are required.

Additional information

Separately collect contaminated fire-fighting water. It should not go down the sewage line.

SECTION 6: Accidental release measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Eliminate all ignition sources.

Prevent contact with skin and eyes.

Ensure sufficient ventilation in the affected area.

Wear appropriate protective clothing.

6.1.1 Non-Emergency Personnel

Avoid contact with leaking or dripping material.

6.1.2 Emergency Responders

Keep unauthorized and unprotected persons away.

First-aid responders must wear protective clothing, gloves, safety goggles, and suitable respiratory protection.

6.2 Environmental Precautions: Prevent release into sewers, surface water, groundwater, or soil.

6.3 Methods for Containment and Clean up: Absorb spilled material using inert absorbents such as sand or diatomaceous earth.

6.4 References

See Section 7 for safe handling guidance.

See Section 8 for personal protective equipment.

See Section 13 for disposal instructions.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Make sure the workspace has adequate exhaustion and ventilation.

Wear the appropriate personal protection equipment as necessary. See section 8 for more information on protective gear.

Do not breathe in vapors.

Avoid skin, eyes, and clothing contact.

Do not eat, drink, or smoke during use.

Launder contaminated clothing before reuse.

Wash hands thoroughly after handling.

Open and handle containers with care.

Information about fire - and explosion protection:

Avoid smoking and keep all combustible materials away.

Safeguard against electrostatic charges.



7.2 Conditions for safe storage, including any incompatibilities

Storage: Store in tightly closed containers in a cool, well-ventilated area.

Requirements to be met by storerooms and receptacles: Retain in a cold environment.

Storage in shared facilities: Store separately from oxidising agents.

Additional storage conditions: Keep containers tightly closed and protect from heat and direct sunlight.

7.3 Specific end use(s): No additional 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 (United Kingdom)	Long-term value: 10* 4** mg/m³ *inhalable dust **respirable

CAS: 13463-67-7 titanium dioxide

WEL (United Kingdom)	Long-term value: 10* 4** mg/m³ *total inhalable **respirable

CAS: 26471-62-5 m-tolylidene diisocyanate

WEL (United Kingdom)	Short-term value: 0.07 mg/m³ Long-term value: 0.02 mg/m³ Sen; as -NCO

CAS: 77-58-7 dibutyltin dilaurate

WEL (United Kingdom)	Short-term value: 0.2 mg/m³ Long-term value: 0.1 mg/m³ as Sn; Sk

CAS: 2781-10-4 dibutyltin bis(2-ethylhexanoate)

WEL (United Kingdom)	Short-term value: 0.2 mg/m³ Long-term value: 0.1 mg/m³ as Sn; Sk

DNELs

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

Oral	DNEL General Population (long term exposure - systemic effect)	5 mg/kg bw/d (human)
Dermal	DNEL Workers (long term exposure - systemic effect)	212 mg/kg bw/d (human)
	DNEL General Population (long term exposure - systemic effect)	125 mg/kg bw/d (human)
Inhalative	DNEL Workers (long term exposure - systemic effect)	221 mg/m³ (human)
	DNEL Workers (short term exposure - systemic effect)	442 mg/m³ (human)
	DNEL Workers (long term exposure - local effect)	221 mg/m³ (human)
	DNEL General Population (long term exposure - systemic effect)	65.3 mg/m³ (human)
	DNEL General Population (acute/short term exposure - local effect)	260 mg/m³ (human)
	DNEL General Population (long term exposure local effect)	65.3 mg/m³ (human)
	DNEL General Population (acute/short term exposure - systemic effect)	260 mg/m³ (human)
	DNEL Workers (acute/short term exposure - local effect)	442 mg/m³ (human)

CAS: 13463-67-7 titanium dioxide

Inhalative	DNEL Workers (long term exposure - local effect)	1.25 mg/m³ (human)
	DNEL General Population (long term exposure - local effect)	210 µg/m³ (human)

CAS: 26471-62-5 m-tolylidene diisocyanate

Inhalative	DNEL Workers (long term exposure - systemic effect)	0.035 mg/m³ (human)
	DNEL Workers (short term exposure - systemic effect)	0.14 mg/m³ (human)
	DNEL General Population (acute/short term exposure - local effect)	0.14 mg/m³ (human)
	DNEL General Population (long term exposure - local effect)	0.035 mg/m³ (human)

PNECs

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

PNEC freshwater	0.044 mg/l
PNEC freshwater (intermittent releases)	0.01 mg/l
PNEC marinewater	0.004 mg/l
PNEC sediment freshwater	2.52 mg/kg dw
PNEC sediment marinewater	0.252 mg/kg dw
PNEC soil	0.852 mg/kg dw
PNEC STP	1.6 mg/l
PNEC marinewater (intermittent releases)	0.001 mg/l

CAS: 26471-62-5 m-tolylidene diisocyanate

PNEC freshwater	0.013 mg/l
PNEC freshwater (intermittent releases)	0.125 mg/l
PNEC marinewater	0.001 mg/l

PNEC soil	1 mg/kg dw
PNEC STP	1 mg/l

8.2 Exposure Controls

8.2.1 Appropriate Engineering Controls: No additional engineering measures required; refer to Section 7.

Personal Protective Measures

General Hygiene and Safety Practices

Keep away from food, drinks, and animal feed.
Wash hands before breaks and after finishing work.
Avoid contact with skin and eyes.
Do not eat, drink, or smoke during use.
Remove contaminated clothing and wash before reuse.
Avoid inhalation of vapours or mists.

Respiratory protection:



In cases of inadequate ventilation, use an appropriate respiratory protection gear. Respiratory protection is necessary while spraying and in poorly ventilated work spaces. For brief durations of labor, a charcoal filter and particle filter A2-P2 (EN529) combination mask or an air-fed mask are advised.

Hand protection



Protective gloves resistant to chemicals (standard EN 374-1)
The material used for the gloves must be waterproof and resistant to the product, substance, or preparation.
No advice for the glove material for the product, preparation, or chemical mixture can be made due to a lack of studies.
Choose the glove material while taking the degradation, diffusion, and penetration rates into account

Material of gloves

Hand protection when handling the product at room temperature:
Butyl rubber - IIR: thickness ≥0,5mm; breakthrough time ≥480min.
Fluorinated rubber - FKM: thickness ≥0,4mm; breakthrough time ≥480min.
Recommendation: contaminated gloves should be disposed of.
The material used for the gloves must be waterproof and resistant to the product, substance, or preparation.
No advice for the glove material for the product, preparation, or chemical mixture can be made due to a lack of studies. Choose the glove material while taking the degradation, diffusion, and penetration rates into account.

Penetration time of glove material

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

Eye/face protection



Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:




Chemically resistant, protective work clothing (EN 14605) and boots.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Viscous liquid
Colour	Light Grey
Odour	Characteristic
Odour threshold	Not determined
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	Not specified
Flammability	Not applicable

Lower and upper explosion limit **Lower** **Upper**	 Not determined Not determined
Flash point	31°C (ASTM D93) (Pensky-Martens)
Auto-ignition temperature	Not specified
Decomposition temperature	Not determined
pH	Not determined
Viscosity **Kinematic viscosity**	Not determined
Dynamic:	Not determined
Solubility **water:**	Not miscible
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure:	Not determined
Density and/or relative density **Density at 20 °C:**	1.38-1.42 g/cm³
Relative density	Not determined
Vapour density	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
Change in condition	Not applicable
Fusion temperature / range:	Not applicable
Oxidising properties	Not oxidising
Evaporation rate	Not determined
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	
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.
10.2 Chemical stability
Thermal decomposition / conditions to be avoided Stable at environment temperature.
10.3 Possibility of hazardous reactions No dangerous reactions known.
10.4 Conditions to avoid Avoid heat, sparkles, naked flame or other sources of ignition.
10.5 Incompatible materials Oxidizing agents.
10.6 Hazardous decomposition products Carbon monoxide and carbon dioxide

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)	40.3 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	27,124 mg/m³ (rat)

CAS: 13463-67-7 titanium dioxide

Oral	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	5,840 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50/4 h (vapour)	0.48 mg/l (rat)

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 (ATE)

Biological Effects / Symptoms
Skin irritation: Causes skin irritation.
Eye irritation: Causes serious eye irritation.
Sensitisation: Inhalation may cause allergic or asthma-like symptoms and breathing difficulties; skin contact may cause allergic reactions.
Germ cell mutagenicity: Not classified.
Carcinogenicity: Not classified.
Reproductive toxicity: Not classified.
STOT – Single exposure: Not classified.

STOT – Repeated exposure: Category 2; may cause organ damage following prolonged or repeated exposure.
Aspiration hazard: Category 1; may be fatal if swallowed and enters airways.
Additional Toxicological Information: Skin sensitisation possible.

11.2 Other Hazards

Endocrine-disrupting properties: No substances identified as endocrine disruptors ≥0.1% under REACH Article 59 or EU Regulations 2017/2100 and 2018/605.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 26471-62-5 m-tolylidene diisocyanate

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

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

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

CAS: 13463-67-7 titanium dioxide

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

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

The product contains no substances classified as persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at concentrations ≥ 0.1%, in accordance with REACH Annex XIII.

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

The product contains no substances listed under Article 59(1) of REACH as endocrine disruptors, nor substances identified as having endocrine-disrupting properties under Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at concentrations ≥ 0.1%

12.7 Other adverse effects

Remark: Harmful to fish

Additional ecological information:

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

The product contains materials that are harmful to the environment.

Harmful to aquatic organisms

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation



Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact manufacturer for recycling information.

European Waste Catalogue

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

Uncleaned packaging:
Recommendation: Disposal must be made according to 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
14.5 Environmental hazards: **Marine pollutant:**	No
14.6 Special precautions for user **Hazard identification number (Kemler code):** **EMS Number:** **Stowage Category**	Warning: Flammable liquids. 30 F-E,S-E A
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.

LAVA 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 05. 02. 2026 **Version Number 7 (replaces version 6)** **Revision: 05. 02. 2026**

Transport/Additional information:

ADR **Limited quantities (LQ)**	5L
Limited Quantity Marking 	
Excepted quantities (EQ)	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).
IMDG **Limited quantities (LQ)**	5L
Limited Quantity Marking	
Excepted quantities (EQ) 	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

Complies with REACH Regulation (EC) No 1907/2006, CLP Regulation (EC) No 1272/2008, and Regulation (EU) 2020/878.

In accordance with Directive 98/24/EC (chemical agents at work), Directive 94/33/EC (young workers), and Directive 92/85/EEC (pregnant and breastfeeding workers).

Covered by Directive 2012/18/EU (Seveso III):

- Category: P5c – Flammable Liquids
- Lower-tier threshold: 5,000 t
- Upper-tier threshold: 50,000 t

REACH Annex XVII: Restrictions apply (Entries 3 and 74).

RoHS Directive 2011/65/EU (Annex II): No listed substances present.

Explosives Precursors Regulation (EU) 2019/1148: No substances listed in Annex I or II.

Drug Precursors Regulations (EC) No 273/2004 and 111/2005: No substances listed.

SVHC (REACH Article 57): No substances of very high concern present.

National Regulations: None applicable.

15.2 Chemical Safety Assessment: Not carried out.

SECTION 16: Other information

This information reflects our current state of knowledge and is provided in good faith. It does not constitute a warranty of any specific product characteristics nor does it create a legally binding 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.

Training guidance:
Employees should receive appropriate instruction on the safe handling, storage, and processing of the product, based on all available safety information.

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

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

LAVA 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 05. 02. 2026 **Version Number 7 (replaces version 6)** **Revision: 05. 02. 2026**

Version number of previous version: 6

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.**