LAVA 20 CLEAR TOP COAT
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 18. 12. 2023 **Version Number 4 (replaces version 3)** **Revision: 18. 12. 2023**

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

1.1 Product identifier

Trade name: LAVA 20 CLEAR TOP COAT

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 

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.
STOT SE 3 H335 May cause respiratory irritation.
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

LAVA 20 CLEAR TOP COAT
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 18. 12. 2023 **Version Number 4 (replaces version 3)** **Revision: 18. 12. 2023**

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 GHS07 GHS08

Signal word: Danger

Hazard-determining components of labelling:

Reaction mass of ethylbenzene and m-xylene and p-xylene
1,6-hexanediyl-bis(2-(2-(1-ethylpentyl)-3-oxazolidinyl)ethyl)carbamate
3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, oligomers
3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate
maleic anhydride

Hazard statements:

H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
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

PBT and vPvB Assessment

This product does not contain any substances classified as persistent, bioaccumulative, and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at or above a concentration of 0.1%.

PBT: Not applicable.
vPvB: Not applicable.

Assessment of Endocrine-Disrupting Properties

No ingredients in this product are listed under Article 59(1) of REACH for endocrine-disrupting effects. Furthermore, it has not been identified as an endocrine disruptor under the criteria outlined in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at concentrations of 0.1% or greater.

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 p-xylene 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 %	25-50%
CAS: 140921-24-0 **ELINCS: 411-700-4** **Index number: 616-079-00-5** **Reg.nr.: 01-0000015906-63-XXXX**	1,6-hexanediyl-bis(2-(2-(1-ethylpentyl)-3 oxazolidinyl)ethyl)carbamate Skin Sens. 1, H317	10-25%
CAS: 53880-05-0 **EC number: 931-312-3** **Reg.nr.: 01-2119488734-24-XXXX**	3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, oligomers Skin Sens. 1B, H317; STOT SE 3, H335	2.5-10%
CAS: 108-65-6 **EINECS: 203-603-9** **Index number: 607-195-00-7** **Reg.nr.: 01-2119475791-29-XXXX**	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226 substance with a Community workplace exposure limit	2.5-10%

CAS: 4098-71-9 **EINECS: 223-861-6** **Index number: 615-008-00-5** **Reg.nr.: 01-2119490408-31-XXXX**	3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate Acute Tox. 3, H331; Resp. Sens. 1, H334; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Resp. Sens. 1; H334: C ≥0.5 % Skin Sens. 1; H317: C ≥ 0.5 % substance with a Community workplace exposure limit	≥0.25-<0.5%
CAS: 540-84-1 **EINECS: 208-759-1** **Index number: 601-009-00-8** **Reg.nr.: 01-2119457965-22-XXXX**	2,2,4-trimethylpentane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; STOT SE 3, H336	≥0.025-<0.25%
CAS: 108-31-6 **EINECS: 203-571-6** **Index number: 607-096-00-9** **Reg.nr.: 01-2119472428-31-XXXX**	maleic anhydride Resp. Sens. 1, H334; STOT RE 1, H372; Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1A, H317, EUH071 Specific concentration limit: Skin Sens. 1A; H317: C ≥0.001 % substance with a Community workplace exposure limit	<0.001%

SVHC Statement
This product does not contain any substances of very high concern (SVHC) from the candidate list at concentrations equal to or exceeding 0.1%, as specified under Article 59 of Regulation (EC) No 1907/2006 (REACH).

SECTION 4: First Aid Measures

General Information:
Move the affected person to fresh air immediately.
Seek medical assistance without delay.

Inhalation:
If the person is unconscious, place them in a stable side position for transport.
Ensure they have access to fresh air and contact a doctor as a precaution.

Skin Contact:
Wash the affected area thoroughly with soap and water.
Remove contaminated clothing and wash it before reuse.
If irritation or discomfort persists, seek medical advice.

Eye Contact:
Rinse eyes immediately with plenty of water, lifting the upper and lower eyelids intermittently.
If applicable, carefully remove contact lenses.
Continue rinsing for at least 15 minutes.
If irritation occurs, consult a medical professional.
Avoid using a strong water jet to prevent corneal damage—medical consultation is advised.

Ingestion:
Do not induce vomiting. Seek medical attention immediately.
Provide plenty of water to drink and ensure access to fresh air.
Never administer anything orally to an unconscious individual.

4.2 Symptoms and Effects (Acute & Delayed)
No additional relevant information is available.

4.3 Immediate Medical Attention & Special Treatment
No specific recommendations beyond standard medical care.

SECTION 5: Firefighting Measures

5.1 Extinguishing Media
Suitable Extinguishing Methods:
Use carbon dioxide (CO_2), dry powder, or water spray to extinguish the fire.
For larger fires, foam is recommended.
Unsuitable Extinguishing Methods:
Avoid using a full water jet, as it may not be effective for safety reasons.
5.2 Special Hazards Arising from the Substance or Mixture
In the event of fire or high temperatures, toxic gasesmay be released, including:
Carbon dioxide (CO_2)
Carbon monoxide (CO)
5.3 Firefighting Guidance
Firefighters should wear a fully protective suit.
Use a respiratory protective device to prevent inhalation of hazardous fumes.

Additional Precautions:
Collect any contaminated firefighting water separately.
Ensure that it does not enter the sewage system or waterways.

SECTION 6: Accidental Release Measures

Precautionary Measures, Protective Gear, and Emergency Protocols
Avoid breathing in vapors.
Use an appropriate respiratory protection device.
Ensure protective gear is worn and keep unprotected individuals away.
Maintain a safe distance from potential ignition sources.
Non-Emergency Personnel:
Prevent contact with leaking or dripping substances.
Emergency Responders:
Utilize full protective equipment.
Restrict access to those without proper protection.
First-aid personnel must wear protective clothing, gloves, safety goggles, and a respiratory mask equipped with an A-type filter.
Environmental Safety Measures
Prevent soil and groundwater contamination.
Ensure the substance does not enter drains, surface water, or sewage systems.7
Containment and Cleanup Methods
Absorb spills using sand, diatomaceous earth, or other suitable materials.
Dispose of collected waste in accordance with Section 13 regulations.
Additional References
For handling precautions, see Section 7.
For personal protection guidelines, refer to Section 8.
For waste disposal instructions, consult Section 13.

SECTION 7: Handling and Storage

Safe Handling Guidelines
Open containers carefully to prevent spills or splashes.
Handle with caution, avoiding shocks, friction, or sudden impacts.
Prevent skin and eye contact.
Maintain proper ventilation in the work area.
Do not eat, drink, or smoke while handling this product.
Thoroughly wash hands after use.
Clean and wash any contaminated clothing before wearing again.
Fire and Explosion Safety:
Keep away from ignition sources—smoking is prohibited.
Take precautions against electrostatic discharge.

Storage Conditions and Compatibility
Store in airtight containers within a cool, well-ventilated environment.
Storage areas should be cool and temperature-controlled.
Keep away from oxidizing agents to prevent hazardous reactions.
Additional Storage Considerations:
Protect the product from heat and direct sunlight.
Always ensure containers are tightly sealed when not in use.
Specific End Uses
No additional relevant information is available.

SECTION 8: Exposure controls/ personal protection

Control Parameters
Ingredients with limit values that require monitoring at the workplace:
CAS: 108-65-6 2-methoxy-1-methylethyl acetate

IOELV (EU)	Short-term value: 550 mg/m³, 100 ppm Long-term value: 275 mg/m³, 50 ppm Skin
WEL (Great Britain)	Short-term value: 548 mg/m³, 100 ppm Long-term value: 274 mg/m³, 50 ppm Sk

CAS: 4098-71-9 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate

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

CAS: 108-31-6 maleic anhydride

WEL (Great Britain)	Short-term value: 3 mg/m³ Long-term value: 1 mg/m³ Sen

DNELs
Substance: (EC: 905-562-9) Reaction mass of ethylbenzene, m-xylene, and p-xylene
Workers:
Long-term systemic exposure (inhalation): 221 mg/m³
Long-term local exposure (inhalation): 221 mg/m³
Short-term local exposure (inhalation): 442 mg/m³
Long-term systemic exposure (dermal): 212 mg/kg body weight/day

Consumers:
Long-term systemic exposure (inhalation): 65.3 mg/m³
Short-term systemic exposure (inhalation): 260 mg/m³
Long-term local exposure (inhalation): 65.3 mg/m³
Short-term local exposure (inhalation): 260 mg/m³
Long-term systemic exposure (dermal): 125 mg/kg body weight/day
Long-term systemic exposure (oral): 12.5 mg/kg body weight/day
PNECs
Substance: (EC: 905-562-9) Reaction mass of ethylbenzene, m-xylene, and p-xylene
Freshwater: 0.044 mg/L
Intermittent freshwater releases: 0.01 mg/L
Marine water: 0.004 mg/L
Sewage treatment plant (STP): 1.6 mg/L
Freshwater sediment: 2.52 mg/kg (dry weight)
Marine water sediment: 0.252 mg/kg (dry weight)
Soil: 0.852 mg/kg

Exposure Controls
Engineering Controls
Ensure adequate ventilation in the work area.
Use local exhaust systems where vapors or mists are present.
Personal Protective Measures (PPE)
General Hygiene and Safety Precautions:
Keep the product away from food, drinks, and animal feed.
Wash hands before breaks and after handling.
Avoid direct contact with skin and eyes.
Remove and clean contaminated clothing before reuse.
Do not inhale vapors or mist.
Refrain from eating, drinking, or smoking while using the product.
Respiratory Protection:

Use suitable respiratory equipment if ventilation is insufficient.
In poorly ventilated areas or during spraying, wear a respirator.
Recommended options:

- Air-fed mask for prolonged exposure.
- Combination of A2-P2 charcoal and particulate filter (EN 529) for short-term work.

Hand Protection:

Wear chemical-resistant gloves that comply with EN 374-1 standards.
Gloves should be impermeable and resistant to the product's components.
Recommended materials:

- Butyl rubber (IIR): Thickness ≥0.5mm, breakthrough time ≥480 min.
- Fluorinated rubber (FKM): Thickness ≥0.4mm, breakthrough time ≥480 min.

Contaminated gloves should be discarded after use. The effectiveness of gloves depends on manufacturer specifications and must be tested prior to use.

Penetration Time of Gloves:

As per EN 16523-1:2015, the recommended maximum wear time is 50% of the tested penetration time to ensure adequate protection.

Eye/Face Protection:

Use safety glasses with side shields or frame goggles (e.g., EN 166) to protect against splashes.

Body Protection:

Wear chemically resistant protective clothing that complies with EN 14605. Use protective boots designed for chemical exposure.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Viscous Liquid
Colour	Clear
Odour	Characteristic
Odour threshold	Not determined
Melting point/freezing point	Not determined
Boiling point or initial boiling point and boiling range	162 °C
Flammability	Not applicable
Lower and upper explosion limit **Lower:** **Upper:**	 0.7 Vol % 7.5 Vol %
Flash point	30 °C

Auto-ignition temperature	315 °C
Decomposition temperature	Not determined
pH	Not determined
Viscosity: **Kinematic viscosity**	Not determined
Dynamic at 20 °C:	>40 mPas
Solubility **water:**	Not miscible
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure at 20 °C:	5 hPa
Density and/or relative density **Density at 20 °C:**	1 g/cm³
Relative density	Not determined
Vapour density	Not determined
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.
Drip point: **Oxidising properties**	Not classified as an oxidizer according to CLP Regulation 1272/2008/EC.
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	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

Reactivity
The product remains stable under normal conditions of use and storage.
Chemical Stability
Stable under standard environmental and handling conditions.
Thermal decomposition
Avoid excessive heat to prevent breakdown.
Remains stable at ambient temperatures.
Possibility of Hazardous Reactions
No known hazardous reactions under normal use.
Conditions to Avoid
Keep away from: Heat sources, Sparks, Open flames, Other ignition sources
Materials to Avoid
Avoid contact with oxidizing agents, as this may cause a reaction.
Hazardous Decomposition Products
Under high heat or combustion, the following toxic gases may be released:
Carbon dioxide (CO_2)
Carbon monoxide (CO)

SECTION 11: Toxicological Information

Hazard Classification as per Regulation (EC) No 1272/2008
Acute Toxicity: Available data indicates no classification required under the specified criteria.
LD/LC50 values relevant for classification:
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: 140921-24-0 1,6-hexanediyl-bis(2-(2-(1-ethylpentyl)-3-oxazolidinyl)ethyl)carbamate

Oral	**LD50**	**>2,000 mg/kg (rat)**

CAS: 53880-05-0 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, oligomers

Oral	**LD50**	**14,000 mg/kg (rat)**

CAS: 108-65-6 2-methoxy-1-methylethyl acetate

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rat)
Inhalative	LC50/4 h (vapour)	1,805.05 ppm (rat)

CAS: 4098-71-9 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate

Oral	LD50	4,814 mg/kg (rat)
Dermal	LD50	7,000 mg/kg (rat)
Inhalative	LC50/4 h (vapour)	>31 mg/l (rat)

11.1 Classification of Hazards (Regulation (EC) No 1272/2008)

Skin Corrosion/Irritation Causes skin irritation.

Serious Eye Damage/Irritation Causes severe eye irritation.

Respiratory or Skin Sensitization May trigger an allergic skin reaction.

Germ Cell Mutagenicity No evidence of mutagenic effects based on available data.

Carcinogenicity Not classified as a carcinogen according to current data.

Reproductive Toxicity No classification required, as data does not indicate reproductive toxicity.

STOT (Specific Target Organ Toxicity) – Single Exposure
Classified under Category 3.
May cause respiratory irritation.
STOT – Repeated Exposure
Falls under Category 2.
Prolonged or repeated exposure may cause organ damage.
Aspiration Hazard
Classified as Category 1 for aspiration toxicity.
May be fatal if ingested and enters the airways.
Additional Hazard Information
Endocrine Disrupting Properties
This product does not contain substances listed under Article 59(1) of REACH for endocrine-disrupting effects.
It has also not been identified as an endocrine disruptor under Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at concentrations of 0.1% or higher.

SECTION 12: Ecological Information

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)**

CAS: 53880-05-0 3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, oligomers

EC50 (72h)	**3.1 mg/l (algae)**
EC50 (48h)	**3.36 mg/l (Daphnia magna)**

CAS: 108-65-6 2-methoxy-1-methylethyl acetate

EC50 (48h)	**8.8 mg/l (crustaceans)**
LC50 (96h)	**6.83 mg/l (fish)**

CAS: 4098-71-9 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate

EC50 (72h)	**4.8 mg/l (Daphnia magna)** **70 mg/l (algae)**
LC50 (96h)	**208 mg/l (fish)**

Persistence and Degradability No additional relevant data available.
Bioaccumulation Potential No significant information available.
Soil Mobility No relevant data available.
12.5 PBT and vPvB Assessment
This product does not contain substances classified as Persistent, Bioaccumulative, and Toxic (PBT) or Very Persistent and Very Bioaccumulative (vPvB) at concentrations ≥0.1% as per REACH Annex XIII.
PBT: Not applicable.
vPvB: Not applicable.
Endocrine Disrupting Properties
The product does not contain substances identified under Article 59(1) of REACH for endocrine-disrupting effects.
It has also not been classified as an endocrine disruptor under Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at concentrations ≥0.1%.
Other Environmental Effects
Toxicity to aquatic life: Harmful to fish.
Additional Ecological Notes:
Contains components that may pose a risk to the environment.
Potentially hazardous to aquatic organisms.

SECTION 13: Disposal Considerations

Waste Treatment Methods
Disposal Recommendations:

Dispose of waste in accordance with national regulations.
Do not discard with household waste.
Prevent the product from entering sewage systems or water sources.
Handling of Contaminated Packaging:
Recommendation: Dispose of packaging in compliance with official regulations.

European Waste Catalogue	
HP3	**Flammable**
HP4	**Irritant - skin irritation and eye damage**

HP5	**Specific Target Organ Toxicity (STOT)/Aspiration Toxicity**
HP6	**Acute Toxicity**
HP13	**Sensitising**
HP14	**Ecotoxic**

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	**Warning: Flammable liquids.**

Hazard identification number (Kemler code):	**30**
EMS Number:	**F-E, S-E**
Stowage Category **14.7 Maritime transport in bulk according to IMO instruments**	**A** **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**
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**
UN "Model Regulation":	**UN 1866 RESIN SOLUTION, 3, III**

SECTION 15: Regulatory Information

15.1 Safety, Health, and Environmental Legislation Applicable to the Substance or Mixture

This product is subject to the following European regulations and directives:

Directive 94/62/EC – Concerning packaging and packaging waste, REACH Regulation (EC) No. 1907/2006, Regulation (EU) 2020/878, CLP Regulation (EC) No. 1272/2008

Directive 98/24/EC – Protection of workers from chemical agents, Council Directive 94/33/EC – Protection of young workers (as amended), Directive 92/85/EEC – Safety at work for pregnant and breastfeeding workers (as amended), Directive 2012/18/EU (Seveso III Directive) – Not listed under Annex I

Seveso Classification:

Category: P5c – Flammable Liquids

Thresholds:

Lower-tier requirement: 5,000 tonnes

Upper-tier requirement: 50,000 tonnes

REACH Annex XVII Restrictions: Subject to the following restriction entries: 3 and 74

Directive 2011/65/EU (RoHS Directive): No ingredients fall under Annex II restrictions for hazardous substances in electrical and electronic equipment.

Regulation (EU) 2019/1148 – Explosives Precursors:

Annex I (Restricted): No components listed

Annex II (Reportable): No components listed

Drug Precursor Legislation:

Regulation (EC) No. 273/2004: No relevant ingredients

Regulation (EC) No. 111/2005: No relevant ingredients

National Legislation: No additional national regulations are reported.

Other Restrictions and Limitations:

Substances of Very High Concern (SVHC): This mixture does not contain SVHC substances in accordance with REACH Article 57.

15.2 Chemical Safety Assessment: A chemical safety assessment has not been conducted for this substance or mixture.

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

H225 Highly flammable liquid and vapour.

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.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.
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.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.
EUH204 Contains isocyanates. May produce an allergic reaction.

Training and Classification Information
Training Guidance
Employees should receive adequate training on the safe handling, storage, and processing of the product. Training should be tailored to reflect all relevant safety information currently available.

Classification Overview (According to Regulation (EC) No 1272/2008)
This product is classified under the following hazard categories:
Flammable Liquids – Based on bridging principles
Classification of the mixture is primarily determined through the calculation method using available substance data, as specified in Regulation (EC) No 1272/2008.
Skin Corrosion/Irritation
Serious Eye Damage/Irritation
Skin Sensitisation
Specific Target Organ Toxicity – Single Exposure (STOT-SE)
Specific Target Organ Toxicity – Repeated Exposure (STOT-RE)
Chronic Aquatic Hazard – Hazardous to the aquatic environment (long-term effects)
Aspiration Hazard – Assessed using 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 CLEAR TOP COAT

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 18. 12. 2023 **Version Number 4 (replaces version 3)** **Revision: 18. 12. 2023**

Version number of previous version: 3

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)
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
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 3: Acute toxicity – Category 3
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
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
Skin Sens. 1B: Skin sensitisation – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
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 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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