



LAVA 20

Safety Data Sheet

Page 1/13

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

Printing date 12.10.2021

Version number 6 (replaces version 5)

Revision: 12.10.2021

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

1.1 Product identifier

Trade name: LAVA 20

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.: +353 01 830 2250

* SECTION 2: Hazard 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.

(Contd. on page 2)

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 12.10.2021

Version number 6 (replaces version 5)

Revision: 12.10.2021

Trade name: LAVA 20

(Contd. of page 1)

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-tolyldiene 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.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P302+P352 IF ON SKIN: Wash with plenty of water and soap.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

(Contd. on page 3)

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 12.10.2021

Version number 6 (replaces version 5)

Revision: 12.10.2021

Trade name: LAVA 20

vPvB: Not applicable.

(Contd. of page 2)

* 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	≥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, EUH204 Specific concentration limit: Resp. Sens. 1; H334: C ≥ 0.1 %	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 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 0.025 % Eye Irrit. 2; H319: C ≥ 0.025 % Skin Sens. 1A; H317: C ≥ 0.0015 %	≥0.0025-<0.025%
CAS: 1317-65-3 EINECS: 215-279-6	limestone	≥30-<40%
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	≥2-<3%

Additional information:

(CAS:13463-67-7) Titanium dioxide

Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.

(Contd. on page 4)

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 12.10.2021

Version number 6 (replaces version 5)

Revision: 12.10.2021

Trade name: LAVA 20

(Contd. of page 3)

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.

Ensure you are getting lots of fresh air and drink. Make a doctor's appointment immediately.

Seek emergency medical attention.

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. Use water spray to put out major fires.

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:

Make sure there is enough air circulation.

Stay away from sources of ignition.

(Contd. on page 5)

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 12.10.2021

Version number 6 (replaces version 5)

Revision: 12.10.2021

Trade name: LAVA 20

(Contd. of page 4)

Wear safety gear when necessary. Keep vulnerable people at a distance.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Utilize absorbent material to collect (sand, diatomite).

Avoid using aqueous cleaning solutions or water to flush.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

* SECTION 7: Handling & 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.

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:

Requirements to be met by storerooms and receptacles:

Retain in a cold environment.

Store far from combustible materials

Receptacles should be ventilated.

Further information about storage conditions:

Preserve the container tightly locked.

Safeguard against high temperatures and sunlight.

7.3 Specific end use(s) No further relevant information available.

* SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS: 13463-67-7 titanium dioxide

WEL (Great Britain)	Long-term value: 10* 4** mg/m ³ *total inhalable **respirable
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CAS: 26471-62-5 m-tolyldiene diisocyanate

WEL (Great Britain)	Short-term value: 0.07 mg/m ³ Long-term value: 0.02 mg/m ³ Sen; as -NCO
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(Contd. on page 6)

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 12.10.2021

Version number 6 (replaces version 5)

Revision: 12.10.2021

Trade name: LAVA 20

(Contd. of page 5)

DNELs

Reaction mass of ethylbenzene, m-xylene and p-xylene | EC: 905-562-9.

Consumers:

Long-term Systemic effect Oral: 1.6 mg/kg bw/d

Long-term Systemic effect By inhalation: 14.8 mg/m³

Long-term Systemic effect Dermal: 108 mg/kg bw/d

Workers:

Long-term Systemic effect By inhalation: 77 mg/ml

Long-term Systemic effect Dermal: 180 mg/kg bw/d

Short-term Local effect By inhalation: 289 mg/ml

Short-term Systemic effect By inhalation: 289 mg/m

PNECs

Reaction mass of ethylbenzene, m-xylene and p-xylene | EC: 905-562-9.

Fresh water: 0,327 mg / l

Marine water: 0.327 mg / l

Freshwater sediments: 12.46 mg / kg

Marine water sediments: 12,46 mg / kg

Soil: 2.31 mg / kg

Sewage treatment plant: 6.58 mg / l

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Avoid food, drink, and feed.

Prior to breaks and after work, wash your hands.

Keep your hands away from your skin and eyes.

Avoid eating, drinking, and smoking while using the product.

Avoid inhaling mists or vapors.

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 $\geq 0,5\text{mm}$; breakthrough time $\geq 480\text{min}$.

Fluorinated rubber - FKM: thickness $\geq 0,4\text{mm}$; breakthrough time $\geq 480\text{min}$.

Recommendation: contaminated gloves should be disposed of.

(Contd. on page 7)

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 12.10.2021

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Revision: 12.10.2021

Trade name: LAVA 20

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 & chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Liquid

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)

Not applicable

Flammability

Lower and upper explosion limit

Lower:

0.8 Vol %

Upper:

Not determined

Flash point:

31 °C (Pensky-Martens)

Auto-ignition temperature:

Product is not selfigniting.

Decomposition temperature:

Not determined

pH

Not determined

Viscosity:

Kinematic viscosity at 23 °C

398 s (ISO 2431/Flow time tISO)

Kinematic viscosity

Dynamic:

Not determined

Solubility

water:

Not miscible

Not determined

Partition coefficient n-octanol/water (log value)

Not determined

Vapour pressure:

Not determined

(Contd. on page 8)

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 12.10.2021

Version number 6 (replaces version 5)

Revision: 12.10.2021

Trade name: LAVA 20

(Contd. of page 7)

Density and/or relative density

Density at 20 °C:	1.39-1.41 g/cm ³
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.

Auto-ignition temperature: 480 °C (xylene, Reaction mass of ethylbenzene and m-xylene and p-xylene)

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

Cloud point / clarification point:

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	Void
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 No further relevant information available.

(Contd. on page 9)

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 12.10.2021

Version number 6 (replaces version 5)

Revision: 12.10.2021

Trade name: LAVA 20

(Contd. of page 8)

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:

Dermal	ATEmix	9,434 mg/kg
Inhalative	ATEmix	35 mg/l

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

Oral	LD50	4,300 mg/kg (rat)
Inhalative	LC50 (4h)	5,000 ppm (rat)
		5,000 ppm (rabbit)

CAS: 26471-62-5 m-tolyldene diisocyanate

Oral	LD50	4,130 mg/kg (rat)
Dermal	LD50	>9,400 mg/kg (rabbit)

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)

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Causes serious eye irritation.

Respiratory or skin sensitisation

Inhalation may result in symptoms of allergies, asthma, or breathing problems.

Might result in an allergic skin condition.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

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

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

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure

STOT Repeated Exposure Category 2

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

The product is classified Aspiration toxicity Category 1

May be fatal if swallowed and enters airways.

Additional toxicological information:

Sensitisation Sensitization possible through skin contact

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

(Contd. on page 10)

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 12.10.2021

Version number 6 (replaces version 5)

Revision: 12.10.2021

Trade name: LAVA 20

(Contd. of page 9)

* SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 26471-62-5 m-tolyldene diisocyanate

EC50 (48h) 12.5 mg/l (daphnia magna)

LC50 (96h) 133 mg/l (Oncorhynchus mykiss)

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

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

12.7 Other adverse effects

Remark: Harmful to fish

Additional ecological information:

General notes:

Do not let undiluted products or substantial quantities of them into sewage systems, water courses, or groundwater.

Environmentally hazardous components are present in the product.

Detrimental to aquatic life

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation



Dispose according to National Regulations.



Not to be disposed of with regular trash. Do not let product enter the drainage system.

Contact manufacturer for recycling information.

Uncleaned packaging:

Recommendation: Official guidelines must be followed while disposing of materials.

* SECTION 14: Transport information

14.1 UN number or ID number

ADR, IMDG, IATA

UN1866

14.2 UN proper shipping name

ADR

1866 RESIN SOLUTION

IMDG, IATA

RESIN SOLUTION

(Contd. on page 11)

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 12.10.2021

Version number 6 (replaces version 5)

Revision: 12.10.2021

Trade name: LAVA 20

(Contd. of page 10)

14.3 Transport hazard class(es)**ADR, IMDG, IATA**

Class 3 Flammable liquids.
Label 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

A

**14.7 Maritime transport in bulk according to IMO
instruments**

Not applicable.

Transport/Additional information:**ADR****Limited quantities (LQ)**

5L

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

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

(Contd. on page 12)

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 12.10.2021

Version number 6 (replaces version 5)

Revision: 12.10.2021

Trade name: LAVA 20

(Contd. of page 11)

ADR (road transport) and 2.3.2.5 of the IMDG Code (marine transport) for packaging \leq 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 for the substance or mixture

REACH Regulation 1907/2006/EC

Regulation (EU) 2020/878

CLP Regulation 1272/2008/EC

Directive 94/62/EC on packaging and packaging waste.

Directive 98/24/EC on safeguarding employees' health and safety against hazards posed by chemical agents at work.

Youth protection at work: amended version of Council Directive 94/33/EC.

The amended version of Directive 92/85/EEC on the adoption of measures to promote advancements in the safety and health at work of pregnant employees, new mothers, and nursing employees

Directive 2012/18/EU

Named dangerous substances - ANNEX I Substance is not listed.

Seveso category P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements 5.000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 50.000 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 74

National regulations:

Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to REACH, Article 57

It doesn't contain substances of very high concern (SVHC).

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on what we know right now. This, however, does not create a legally binding business relationship or a guarantee for any particular product characteristics.

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.

(Contd. on page 13)

Safety Data Sheet

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

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Version number 6 (replaces version 5)

Revision: 12.10.2021

Trade name: LAVA 20

(Contd. of page 12)

- 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.

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: 5

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

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.**