



OWL UNIVERSAL 2 PART EPOXY PRIMER (PART B)

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 17. 09. 2025

Version Number 01

Revision: 17. 09. 2025

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

1.1 Product identifier

Trade name: Owl Universal 2 Part Epoxy Primer (Part B)

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

Application of the substance / the mixture: Epoxy Primer

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

OWL WATERPROOFING SOLUTIONS

135 Slaney Road, Dublin Industrial Estate

Glasnevin, Dublin 11

Tel: +353 01 830 2250

Email: info@owlwaterproofing.co.uk

Website: www.owlwaterproofing.co.uk

1.4 Emergency telephone number:

European Emergency Tel.: +353 01 830 2250

SECTION 2: Hazards identification

2.1 Substance or Mixture Classification

Classification as per Regulation (EC) No 1272/2008 (CLP):

GHS08 health hazard



Muta. 2 (H341): Suspected of causing genetic defects.

GHS09 environment



Aquatic Chronic 2 (H411): Toxic to aquatic life with long-lasting effects.

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.

2.2 Label Elements

Labelling in Accordance with Regulation (EC) No 1272/2008 (CLP): Classified and labelled according to the CLP regulation.

Hazard Pictograms: GHS07 GHS08 GHS09





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Signal Word: Warning

Label Components:

2,3-epoxypropyl o-tolyl ether

2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane

Hazard Statements:

H315: Causes skin irritation

H319: Causes serious eye irritation

H317: May cause an allergic skin reaction

H341: Suspected of causing genetic defects

H411: Toxic to aquatic life with long-lasting effects

Precautionary Measures:

P261: Avoid inhaling vapours or sprays

P273: Prevent release to the environment

P280: Wear suitable protective gloves, clothing, and eye/face protection

P302+P352: IF ON SKIN: Wash thoroughly with soap and water

P305+P351+P338: IF IN EYES: Rinse carefully with water, remove contact lenses if easy to do, continue rinsing

P501: Dispose of product and packaging according to local/national regulations

Additional Info:

EUH205: Contains epoxy components. May cause allergic reactions.

PBT/vPvB: No substances identified at $\geq 0.1\%$.

Endocrine Disruption: No substances identified at $\geq 0.1\%$.

SECTION 3: Composition/information on ingredients

Description: Ingredients according to Regulation (EU) 2020/878

CAS: 1675-54-3 EINECS: 216-823-5 Index number: 603-073-00-2 Reg.nr.: 01-2119456619-26-XXXX	2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 Specific concentration limits: Eye Irrit. 2; H319: C $\geq 5\%$ Skin Irrit. 2; H315: C $\geq 5\%$	50%
CAS: 2210-79-9 EINECS: 218-645-3 Index number: 603-056-00-X Reg.nr.: 01-2119966907-18-XXXX	2,3-epoxypropyl o-tolyl ether Muta. 2, H341; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	50%



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SVHC: This product contains no substances of very high concern (SVHC) at concentrations $\geq 0.1\%$ as defined in REACH Regulation (EC) No 1907/2006, Article 59.

SECTION 4: First aid measures

4.1 General Advice

Move affected persons to fresh air and seek medical attention immediately.

Inhalation

Provide fresh air and consult a doctor if symptoms occur.

If unconscious, place in the recovery position for transport.

Skin Contact

Wash thoroughly with soap and water.

If irritation persists, seek medical attention.

Eye Contact

Rinse eyes with plenty of water for at least 15 minutes, lifting eyelids occasionally.

Remove contact lenses if present and easy to do.

Avoid high-pressure water jets to prevent corneal damage.

Seek medical advice if irritation continues.

Ingestion

Do not induce vomiting.

Drink water, move to fresh air, and call for medical help immediately.

Provide product label or SDS to medical personnel.

4.2 Symptoms No additional information available.

4.3 Special Treatment No specific treatment known.

SECTION 5: Firefighting measures

5.1 Suitable Extinguishing Media

Use CO₂, dry powder, or water spray.

Avoid high-pressure water jets.

5.2 Special Hazards

Fire may produce carbon monoxide (CO) and carbon dioxide (CO₂).

5.3 Firefighting Instructions

Wear appropriate respiratory protection and full protective gear.

Collect firefighting water separately; prevent it from entering drains or waterways.

SECTION 6: Accidental release measures

6.1 Personal Precautions

Use protective clothing and equipment; restrict access to unauthorized personnel.

Avoid inhaling vapors and eliminate all ignition sources.

Non-Emergency Personnel

Prevent contact with leaking or spilled material.

Emergency Responders

Wear protective clothing, gloves, goggles, and a respirator with filter type A.

6.2 Environmental Precautions

Prevent entry into drains, surface water, or groundwater.



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6.3 Containment and Cleanup

Absorb spills using sand, diatomaceous earth, or similar inert materials.

6.4 Additional References

See Section 7 for handling procedures.

See Section 8 for personal protection measures.

See Section 13 for disposal guidelines.

SECTION 7: Handling and storage

7.1 Safe Handling

Provide adequate ventilation at the workplace.

Avoid contact with skin and eyes.

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

Wash hands thoroughly after use and launder contaminated clothing before reuse.

Keep away from heat sources, sparks, open flames, and hot surfaces.

7.2 Storage Conditions

Store in tightly sealed containers in cool, well-ventilated areas.

Protect from heat, sunlight, and moisture.

7.3 Specific End Use(s)

No additional information available.

SECTION 8: Exposure Controls / Personal Protection

8.1 Control Parameters

The product contains no substances requiring workplace exposure monitoring.

8.2 Exposure Controls

Engineering Controls

Ensure adequate ventilation in all work areas.

Personal Protective Measures

Keep away from food, drinks, and animal feed.

Wash hands before breaks and after handling.

Avoid eye and skin contact; do not inhale vapors or mists.

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

Remove and wash contaminated clothing before reuse.

Respiratory Protection

Use appropriate respiratory protection where ventilation is insufficient.

For spraying or enclosed areas, use air-fed masks or A2-P2 filters (EN529).



Hand Protection

Wear chemical-resistant gloves (EN 374-1). Recommended materials:

- Butyl rubber (IIR): ≥ 0.5 mm thickness; ≥ 480 min breakthrough time
- Fluorinated rubber (FKM): ≥ 0.4 mm thickness; ≥ 480 min breakthrough time

Follow manufacturer guidelines and replace gloves if damaged or contaminated.

For safety, limit glove usage to 50% of the tested breakthrough time.





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Eye and Face Protection

Wear safety glasses with side shields or protective goggles (EN 166).



Body Protection

Use chemical-resistant clothing (EN 14605) and protective boots.



SECTION 9: Physical and chemical properties

9.1 Primary physical and chemical properties

Physical state	Liquid
Colour:	Opaque
Odour:	Not determined
Melting point:	<-15 °C
Flammable	Not determined
Lower and upper explosion limit Lower: Upper:	Not determined Not determined
Auto-ignition temperature:	320 °C
Decomposition temperature:	Not determined
pH	Not determined
Viscosity: Kinematic viscosity Dynamic (20 °C)	Not determined 500-700 mPas
Solubility water:	Insoluble
Partition coefficient n-octanol/water (log value)	Not determined



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Vapour pressure	Not determined
Density and/or relative density Density (20°C):	1.14 g/cm ³
Relative density	Not determined
Vapour density	Not determined

9.2 Other Information No further relevant information available.

Form: Liquid

Ignition Temperature: Not self-igniting

Explosion Hazard: None

VOC (EC): 30 g/l

Oxidising Properties: None

Evaporation Rate: Not determined

Physical Hazards: None applicable (flammable, oxidising, explosive, pyrophoric, self-heating, corrosive, etc.)

SECTION 10: Stability and reactivity

Reactivity: No data available

Stability: Stable under normal conditions; avoid excessive heat

Hazardous Reactions: None identified

Avoid: Heat, sparks, flames, ignition sources

Incompatibilities: Not specified

Decomposition Products: CO, CO₂

SECTION 11: Toxicological information

Acute Toxicity: Does not meet classification criteria.

- Oral LD50 (rat): >2000 mg/kg
- Dermal LD50 (rabbit): >2000 mg/kg

Skin Corrosion/Irritation: Causes skin irritation

Eye Damage/Irritation: Causes serious eye damage.

Respiratory/Skin Sensitisation: May cause an allergic skin reaction

Mutagenicity: Category 2 (Muta. 2)

Carcinogenicity, Reproductive Toxicity, STOT (Single/Repeated Exposure), Aspiration Hazard: Not classified.

Repeated Dose Toxicity: Not classified.

Endocrine Disruption: No substances identified as endocrine disruptors $\geq 0.1\%$. (REACH Article 59, EU Regulations 2017/2100, 2018/605).



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SECTION 12: Ecological information

Aquatic Toxicity (CAS 1675-54-3):

EC50 (48h, Daphnia): 1.8 mg/l

EC50 (72h, Algae): 9.4 mg/l

EC50 (96h, Leuciscus idus): 2 mg/l

NOEC (21d, Daphnia): 0.3 mg/l

Harmful to fish, plankton, and aquatic organisms.

Persistence & Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

PBT/vPvB: Not applicable.

Endocrine Disruption: No substances identified $\geq 0.1\%$ (REACH, EU Regulations 2017/2100, 2018/605).

Other Effects: Toxic to aquatic life.

SECTION 13: Disposal considerations

Waste Treatment: Dispose of contents in accordance with national and local regulations.

Restrictions: Do not dispose of with household waste or release into sewage systems.

Recycling: Contact manufacturer for recycling guidance.

European Waste Catalogue Codes:

HP4: Irritant – causes skin and eye irritation

HP11: Mutagenic

HP13: Sensitising

HP14: Ecotoxic

Packaging: Dispose of uncleaned containers per official regulations.



SECTION 14: Transport information

UN number or ID number ADR, IMDG, IATA	UN3082
UN proper shipping name	3082 ENVIRONMENTALLY HAZARDOUS
ADR	SUBSTANCE, LIQUID, N.O.S. (2,3-epoxypropyl otolyl ether, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane)
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,3-epoxypropyl o-tolyl ether, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane), MARINE POLLUTANT



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IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,3-epoxypropyl o-tolyl ether, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)] bisoxirane)
Transport Hazard Class:  	Class 9 – Miscellaneous dangerous substances (Label 9)
Packing group ADR, IMDG, IATA	III
Environmental Hazards	Marine pollutant – Yes (Fish & Tree symbol)
Special Precautions	Warning – Miscellaneous dangerous substances; Kemler code 90; EMS F-A, S-F; Stowage Category A
ADR/IMDG Limitations:	LQ 5L; EQ Code E1 (Max 30 ml inner, 1000 ml outer packaging); Transport category 3
UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,3-EPOXYPROPYL O-TOLYL ETHER, 2,2'-[(1-METHYLETHYLIDENE) BIS(4,1-PHENYLENEOXYMETHYLENE)] BISOXIRANE), 9, III
Bulk Transport (IMO):	Not applicable.

SECTION 15: Regulatory information

15.1 Safety, Health & Environmental Legislation

Complies with:

REACH Regulation (EC) 1907/2006

Regulation (EU) 2020/878

CLP Regulation (EC) 1272/2008

Directive 98/24/EC – Worker Protection

Directive 94/62/EC – Packaging Waste



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Directive 92/85/EEC – Pregnant & Breastfeeding Workers

Directive 2012/18/EU – Seveso III (Aquatic Environment, Category E2)

Directive 2011/65/EU – Hazardous Substances in Electronics

Seveso III Thresholds:

Lower-tier: 200 t

Upper-tier: 500 t

Annexes & Listings:

No substances listed under REACH Annex I, XVII, EU 2019/1148, EC 273/2004, or EC 111/2005.

No SVHC substances (REACH Article 57).

15.2 Chemical Safety Assessment Not performed.

SECTION 16: Other information

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

H315: May cause skin irritation

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H341 Suspected of causing genetic defects.

H411 Toxic to aquatic life with long lasting effects.

Classification (EC No 1272/2008): Classification is based on the calculation method using substance data in accordance with Regulation (EC) No 1272/2008.

Skin irritation/corrosion

Serious eye damage/irritation

Skin sensitisation

Germ cell mutagenicity

Chronic aquatic toxicity

Department issuing SDS:



OWL WATERPROOFING SOLUTIONS

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Version number of previous version: 0

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



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ELINCS: European List of Notified Chemical Substances

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

VOC: Volatile Organic Compounds (USA, EU)

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

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

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

Skin Sens. 1: Skin sensitisation – Category 1

Muta. 2: Germ cell mutagenicity – Category 2

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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