

Safety Data Sheet



1. Identification

Product Name: Watermarque 2K Topcoat Gloss Resin
Watermarque 2K Topcoat Matt Resin
Watermarque 2K Topcoat Satin Resin

Other Names:

Recommended use: Resin component for Watermarque 2K Topcoat

Supplier: Uroxxsys Ltd

Street Address: 2 Stonedon Drive, East Tamaki, Auckland

Telephone Number: +64 9 2740808 (8.00am to 5.00pm, Monday to Friday)

Emergency Telephone: After hours phone CHEMCALL 0800 243622 (or +64 4 9179888)

National Poison Information Centre 0800 POISON (764766)

Date of issue 1st September 2022

2. Hazards identification

GHS classification of the substance/mixture:

Classified as Hazardous according to Hazardous Substances (Hazard Classification) Notice 2020
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433: 2020
Transport of Dangerous Goods.



Skin Irritation Category 3, Reproductive toxicity Category 1

EPA Approval: HSR002670.

Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020
6.3B, 6.8A

Signal Word:

DANGER

Hazard Statements:

H316: Causes mild skin irritation.

H360: May damage fertility or the unborn child.

Precautionary Statements – Prevention:

P103: Read label before use.

P202: Do not handle until all safety precautions have been read and understood.
P281: Use personal protective equipment as required.

Precautionary Statements – Response:

P332+P313: If skin irritation occurs: Get medical advice/ attention.
P308+P313: IF exposed or concerned: Get medical advice/ attention.

Precautionary Statements – Storage:

P405: Store locked up.

Precautionary Statements – Disposal:

P501: Do not contaminate storm water with product or product washing. Do not pour product down the drain. Unwanted product should be reacted with appropriate quantity of hardener and brushed out on newspaper, allowed to cure and then disposed of via domestic waste collection. Empty containers should be left open in a well-ventilated area to cure. When cured, recycle the container via recycling programmes. Disposal of empty paint containers via domestic recycling programmes may differ between local authorities. Check with your local council first.

3. Composition/information on ingredients

Material	CAS No	%
Water-thinnable fatty acid modified polyurethane resin		20 – 40
n-methyl-2-pyrrolidone	872-50-4	< 3.5
Non-hazardous materials		Balance

4. First-aid measures

If poisoning occurs, contact a doctor or Poisons Information Centre Phone 0800 764 766.

Ingestion: If swallowed, do NOT induce vomiting. Seek immediate medical assistance.
Inhalation: Remove to fresh air. IF exposed or concerned: Get medical advice/ attention.
Skin Contact: If skin or hair contact occurs, immediately remove contaminated clothing and clean skin and hair with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention.
Eye Contact: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
Notes to physician: No information available.

5. Fire-fighting measures

Hazards from combustion: Not flammable
Fire-fighting advice: Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.
Suitable Extinguishing Media: Use water spray for larger fires. For smaller fires use foam, dry agent (carbon dioxide, dry chemical powder).
Hazchem Code: Not applicable

6. Accidental release measures

Emergency procedures:	Do not empty into drains
Methods for containment & clean up:	Ensure adequate ventilation/exhaust ventilation. Keep unauthorized persons away. Remove mechanically, cover residues with chemical binder or dry sand and store in closed containers. Collect in properly labelled containers.

7. Handling and storage

Handling advice:	Avoid skin and eye contact and breathing in vapour.
Storage advice:	Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from foodstuffs.

8. Exposure controls/personal protection

Occupational Exposure Limits:	No value assigned for this specific material by Worksafe NZ. However, NZ Workplace Exposure Standard(s) for constituent(s): n-methyl-2-pyrrolidone (skin, 2022): TWA 25ppm, 103 mg/m ³ , STEL 75ppm, 309mg/m ³
Engineering Control Measures:	Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Keep containers closed when not in use.
Personal Protective Equipment:	Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists or spraying, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. Physical and chemical properties

Physical state:	Liquid
Solubility in water:	Miscible
Specific Gravity:	1.0
Flash Point (°C):	>100°C
Flammability Limits (%):	1.3-9.5 (for n-methyl-2-pyrrolidone)
Boiling Point/Range (°C):	99°C
Colour	White

10. Stability and reactivity

Stability:	No thermal decomposition when stored and handled correctly. No hazardous reactions when used as directed.
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11. Toxicological information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	None expected
Eye contact:	Non irritant.
Skin contact:	May cause sensitization by skin contact.
Inhalation:	Over exposure especially when spraying coatings containing isocyanate without necessary precautions entails risk of concentration dependent irritating effects on the nose, throat and respiratory tract.
Long term Effects:	Over-exposure, especially when spraying coatings containing isocyanate without the necessary precautions entails the risk of concentration-dependent irritating effects on eyes, nose, throat and respiratory tract. Delayed appearance of the complaints and development of hyper-sensitivity are possible. Hypersensitive persons may suffer from these effects even at low isocyanate concentrations.
Toxicological Data:	No LD50 data available for the product. However, for resin constituent: n-methyl-2-pyrrolidone: Oral LD50 (rabbit): 3500 mg/kg

12. Ecological information

Not readily degradable. Avoid contaminating waters, wastewater or soil. Notify authorities if water supply is contaminated.

Fatty acid modified polyurethane resin: Acute Fish toxicity LC50 3.162 mg/l, Species: Danio rerio (zebra fish) Exposure duration: 96 h, Acute bacterial toxicity EC50 > 10.000 mg/l Species: activated sludge
N-methyl-2-pyrrolidone LC50 > 500 mg/l, Species: Oncorhynchus mykiss (rainbow trout) Exposure duration: 96 h, Acute toxicity for daphnia EC50 > 1.000 mg/l Species: Daphnia magna (Water flea)
Exposure duration: 24 h, Chronic toxicity to daphnia 12,5 mg/l Species: Daphnia magna (Water flea)
Exposure duration: 21 d, Acute toxicity for algae ErC50 > 500 mg/l Species: scenedesmus subspicatus
Exposure duration: 72 h,

13. Disposal considerations

Refer to Waste Management Authority. Advise flammable nature. Dispose of material through a licensed waste contractor. Normally suitable for incineration by an approved agent.

Empty container: Do not contaminate storm water with product or product washing. Do not pour product down the drain. Unwanted product should be reacted with appropriate quantity of hardener and brushed out on newspaper, allowed to cure and then disposed of via domestic waste collection. Empty containers should be left open in a well-ventilated area to cure. When cured, recycle the container via recycling programmes. Disposal of empty paint containers via domestic recycling programmes may differ between local authorities. Check with your local council first.

14. Transport information

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433: 2020 Transport of Dangerous Goods.

Road and Rail Transport

Not classified as Dangerous Goods by NZS 5433 Transport of Dangerous Goods on Land.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. Regulatory information

EPA Approval: HSR002670.

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16. Other information

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Uroxsys Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact Uroxsys Limited at the contact details on page 1.

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This version replaces all previous versions.

END OF SDS