Safety Data Sheet

1. Identification of the substance/mixture and supplier

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:	Uroxsys Ltd
Street Address:	2 Stonedon Drive, East Tamaki, Auckland
Telephone Number:	+64 9 2740808 (8.00am to 5.00pm, Monday to Friday)
Facsimile:	+64 9 2740500
Emergency Telephone:	After hours phone 0800 867666 (or 09 3034580), quote reference: Uroxsys Helpline
National Poison Information Centre	0800 POISON (764766)
Date of issue	17th July 2013

2. Hazards identification

DANGER

6.3B, 6.8A

EPA Approval:HSR002670.
Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2006

Hazard Statements:

- Causes mild skin irritation.
- May damage fertility or the unborn child.

Prevention Statements:

- Read label before use.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.

Response Statements:

- If skin irritation occurs: Get medical advice/ attention.
- IF exposed or concerned: Get medical advice/ attention.

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. Begin artificial respiration if breathing has stopped. Use mouth to nose rather than mouth to mouth.
Inhalation:	Remove to fresh air.
Skin Contact:	If skin or hair contact occurs, immediately remove contaminated clothing and clean skin and hair with plenty of soap and water.
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 the New Zealand Occupational Safety and Health Service (OSH). However, Workplace Exposure Standard(s) for constituent(s): n-methyl-2-pyrrolidone (skin, 2001): TWA 25ppm, 103 mg/m³, STEL 75ppm, 309mg/m³
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):	>100ºC
Flammability Limits (%):	1.3-9.5 (for n-methyl-2-pyrrolidone)
Boiling Point/Range (°C):	99ºC
Colour	White

10. Stability and reactivity

Stability:	Hazardous decomposition products: on drying of the coating/hardening release of neutralizing agent (1% triethylamine)

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: oral LD50 (rat):>2000 mg/kg n-methyl-2-pyrrolidone: Oral LD50 (rat): 3500 mg/kg

12. Eco toxicological information

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

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 brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Empty containers should be left open in a well-ventilated area to dry out. When dry, 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

Road and Rail Transport
Not classified as Dangerous Goods by NZS 5433:1999 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.
Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2006

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