

Safety Data Sheet

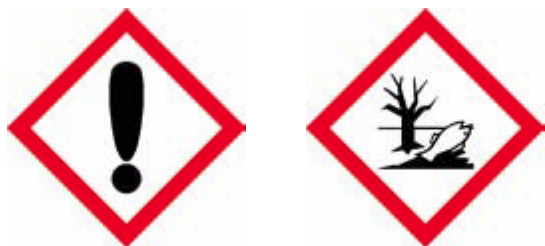


1. Identification of the substance/mixture and supplier

Product Name: ECS LA 6337 Resin
Other Names:
Recommended use: Epoxy resin
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 20th August 2018

2. Hazards identification

WARNING



6.3A, 6.4A, 6.5B, 9.1B

EPA Approval: HSR002670

Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2006

Hazard Statements:

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Prevention Statements

P103 Read label before use.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/eye protection.
P261 Avoid breathing fume/gas/mist/vapours.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.

Response Statements

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P332 If skin irritation occurs: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before re-use.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P391 Collect spillage.

Storage Statement

P403+P235 Store in well ventilated place. Keep cool.

Disposal Statement

Do not contaminate storm water with product or product washing. Do not pour product down the drain. Unwanted product should reacted with appropriate quantity of hardener and 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.

3. Composition/information on ingredients

Material	CAS No	Content %
Bisphenol A/ epichlorohydrin resin	25085-99-8	65 – 75
Reaction product: Bisphenol F - (epichlorhydrin); epoxy resin	28064-14-4	15 – 25
Alkyl(C12 -14) glycidyl ether	68609-97-2	10 – 20

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 victim from area of exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice.
Skin Contact:	If skin contact occurs, immediately remove contaminated clothing and wash skin with water. If irritation occurs seek medical advice.
Eye Contact:	Immediately flush eyes with water for at least 15 minutes and see a doctor.
Notes to physician:	If burn is present, treat as any thermal burn, after decontamination. Supportive care. Treatment based on judgement of the physician in response to reactions of the patient.

5. Fire-fighting measures

Hazards from combustion:	Not classified as flammable but will burn. Carbon monoxide may be evolved if incomplete combustion occurs.
Fire-fighting advice:	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing. Keep adjacent containers cool by spraying with water.
Suitable Extinguishing Media:	Carbon dioxide, dry chemical, foam or water fog.
Hazchem Code	2X

6. Accidental release measures

Emergency procedures:	If contamination of sewers or waterways has occurred advise local emergency services.
Methods for containment & clean up:	Avoid accidents, clean up immediately. Wear protective equipment to prevent skin & eye contact. Wipe up with rag or absorbent paper.
For large spills:	Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Contain - prevent runoff into drains and waterways. Use absorbent material (sand or earth). Collect and seal in properly labelled containers for disposal.

7. Handling and storage

Handling advice:	Avoid contact with skin and eyes and clothing. Avoid breathing vapours. No smoking, open flames or sources of ignition in handling and storage areas. Electrically ground all equipment.
Storage advice:	Keep container tightly closed and dry. Store at ambient temperatures.

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).
Engineering Control Measures:	Ensure ventilation is adequate. Local exhaust ventilation may be necessary for some operations.
Personal Protective Equipment:	Wear overalls, chemical goggles and gloves. Use with adequate ventilation. If inhalation risk exists 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:	Clear liquid
Solubility in water:	Negligible
Specific Gravity:	1.2
Flash Point (°C):	177°C
Flammability Limits (%):	Not determined
Boiling Point/Range (°C):	Decomposes
Colour	Pale yellow

10. Stability and reactivity

Stability:	Stable at normal temperatures and storage conditions. Reacts with strong oxidizing agents.
Hazardous decomposition products:	Not expected to form any during normal storage.

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:	Single dose oral toxicity is considered to be extremely low.
Eye contact:	Slightly irritating to eyes.
Skin contact:	Slightly irritating to skin. Repeated exposure may cause skin irritation.
Inhalation:	At room temperatures, vapours are minimal due to physical properties.
Long term Effects:	Prolonged or repeated exposure may cause skin sensitization.
Toxicological Data:	No LD50 data available for the product.

12. Eco toxicological information

Avoid contaminating waterways. Not readily biodegradable. Has the potential to bioaccumulate. If product enters soil, it will be mobile and may contaminate groundwater.

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 reacted with appropriate quantity of hardener and 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

Classified as Dangerous Goods by NZS 5433:1999 Transport of Dangerous Goods on Land

UN No.: 3082

Class: 9

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS (EPOXY RESIN)

Hazchem: 2X

Packing Group: III

Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No.: 3082

Class: 9

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS (EPOXY RESIN)

Packing Group: III

Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No.: 3082

Class: 9

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS (EPOXY RESIN)

Packing Group: III

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.

While Uroxsys Ltd believes that the information contained herein is based on data considered accurate, no warranty or representation is expressed or implied for which Uroxsys Ltd assumes legal responsibility.

This version replaces all previous versions.

END OF SDS