

Safety Data Sheet



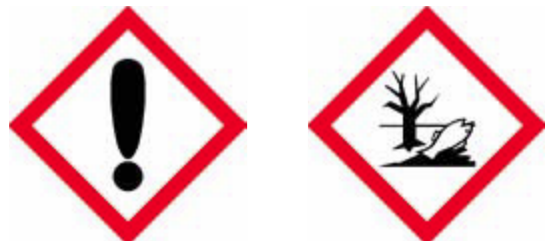
1. Identification

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)
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
Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433: 2020
Transport of Dangerous Goods.



Acute toxicity inhalation Category 4, Skin Irritation Category 2, Skin sensitisation Category 1, Eye irritation Category 2, Aquatic toxicity (chronic) Category 2

EPA Approval: HSR002670
Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020
6.1D (I), 6.3A, 6.4A, 6.5B, 9.1B

Signal Word:

WARNING

Hazard Statements:

H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled
H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements – Prevention:

P102: Keep out of reach of children.
P103: Read label before use.
P261: Avoid breathing fume/gas/mist/vapours.
P264: Wash hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves/eye protection.

Precautionary Statements – Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P332: If skin irritation occurs: Get medical advice/ attention.
P304+P340: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362: Take off contaminated clothing and wash before re-use.
P391: Collect spillage.

Precautionary Statements – Storage:

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

Precautionary Statements – Disposal:

P501: 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 %
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-polymers	25085-99-8	65 – 75
Reaction product: Bisphenol F - (epichlorhydrin); epoxy resin	9003-36-5	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 Worksafe NZ.

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. Based on information from components Acute Oral LD50 (rat) > 10000 mg/kg, LD50 (rabbit) > 5000 mg/kg

12. Ecological information

Avoid contaminating waterways. Not readily biodegradable. Has the potential to bioaccumulate. If product enters soil, it will be mobile and may contaminate groundwater. For constituents:
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-polymers: LC50 2 mg/l (rainbow trout), 96 hour EC50 (water flea) 1.8mg/l, 48 hr, static test, ErC50 (fresh water algae) 11 mg/l, 72h, static test
Reaction product: Bisphenol F - (epichlorhydrin); epoxy resin: LC50 2.54 mg/l (fish), 96 hour EC50 (water flea) >1000mg/l, 48 hr, static test, ErC50 (green algae) >1.8 mg/l, 72h, static test
Alkyl(C12 -14) glycidyl ether: LC50 (rainbow trout) >5000 mg/l, 96hr

13. Disposal considerations

Refer to Waste Management Authority. 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

Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433: 2020 Transport of Dangerous Goods.



Road and Rail Transport

Classified as Dangerous Goods by NZS 5433 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 2020

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