

# Safety Data Sheet

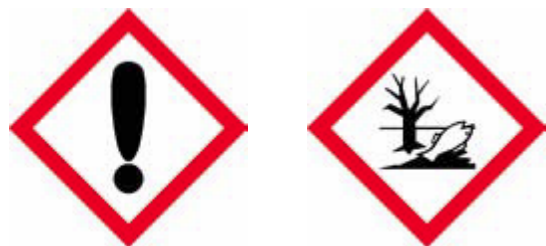


## 1. Identification of the substance/mixture and supplier

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 5 August 2019

## 2. Hazards identification

### WARNING



6.1D (inhalation), 6.3A, 6.5B, 9.1B

EPA Approval: HSR002670

Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2017

### Hazard Statements:

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

### Prevention Statements

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.

### Response Statements

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.

### Disposal Statement

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. 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. 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. 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 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 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 2017

## **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