



Material Safety Data Sheet

1. Identification of the substance/mixture and supplier

Product Name: **PCM Liquid**

Recommended use: Cement mortar topping

Supplier: Uroxsys Ltd
Street Address: 2 Stonedon Drive, East Tamaki, Auckland
Telephone Number: +64 9 2740808
Facsimile: +64 9 2740500
Emergency Telephone: After hours phone 0800 867666 (or 09 3034580), quote reference: Uroxsys Helpline
Date: 22nd March 2019

2. Hazards identification

EPA approval: HSR002670

Surface coatings and colourants (Subsidiary Hazard) Group Standard 2017

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

6.3B (skin corrosion/irritation)

Hazard statement:
H316 – Causes mild skin irritation

Precautionary statements:
P103: Read label before use

Response Statements:
P332+P313: If skin irritation occurs: Get medical advice/attention.

Disposal Statements

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 resin 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 hazardous ingredients

Product Description:

Ammonia (solution <35%)		0-1%
Styrene	100-42-5	0-0.1%
Nonyl phenol ethoxylate	9016-45-9	1- <2.5%
Non hazardous ingredients		balance

4. First-aid measures

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

Ingestion: Do not induce vomiting. Seek immediate medical assistance.

Inhalation: Remove to fresh air. If breathing has stopped, apply artificial respiration.

Skin Contact: If skin contact occurs, immediately remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek medical advice.

Eye Contact: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Notes to physician: Treat symptomatically

5. Fire-fighting measures

Specific Hazards: Product will not support combustion. However, polymer will burn in a general fire, once all water has been driven off.

Fire-fighting advice: Keep fire exposed containers cool with water spray. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.

Suitable Extinguishing Media:

Water spray, foam or dry agent (carbon dioxide, dry chemical powder)

6. Accidental release measures

Wear protective equipment. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect in properly labeled containers. If contamination of sewers or waterways has occurred advise local emergency services.

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 away from sources of heat or ignition. Store away from foodstuffs and strong oxidising agents. Keep containers closed when not in use. Prevent from freezing.

8. Exposure controls/personal protection

Workplace Exposure Limits:

No value assigned for this specific material by Worksafe NZ. For constituents:

Ammonia TWA 25ppm, 17 mg/m³, STEL 35ppm, 24 mg/m³

Styrene TWA 20ppm, 85mg/m³, STEL 40ppm, 170 mg/m³

Engineering Control Measures:

Ensure ventilation is adequate. 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 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
Colour:	white milky
Solubility:	complete
Specific Gravity:	1.01

Flash Point (°C):	not applicable
Flammability Limits (%):	not applicable
Boiling Point/Range (°C):	100

10. Stability and reactivity

Stability: Not classified as flammable. Avoid strong acids and oxidising agents.

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: Not expected to be harmful.

Eye contact: May be an eye irritant.

Skin contact: Prolonged or repeated contact with skin may result in irritation or rash.

Inhalation: Excessive exposure to vapours or spray mists may cause irritation to eyes, nose and throat.

Long Term Effects:
None currently known.

Toxicological Data:
Nonyl phenol ethoxylate: Oral LD50 (rat) 2590 mg/kg Dermal: LD50 (rabbit) 2830 mg/kg
Styrene: Inhalation LC50 (mouse) 6.8 mg/l, Oral LD50 (mouse) 316 mg/kg

12. Ecotoxicological information

Avoid contaminating waterways.

13. Disposal considerations

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor.

14. Transport information

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

15. Regulatory information

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2017 HSR002670, Surface coatings and colourants (subsidiary hazard) Group Standard

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

16. Other information

This MSDS 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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