



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

2. Hazards identification

Not classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001

Not classified as Dangerous Goods by NZS 5433:1999 Transport of Dangerous Goods on Land.

3. Composition/information on hazardous ingredients

Product Description:

Styrene-acrylate copolymer		30-40%
Ammonia (solution <35%)		0-1%
Styrene	100-42-5	0-0.1%
Acrylic monomer		0-0.1%

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 the New Zealand Workplace Exposure Limits. For constituents:

Methyl methacrylate TWA 50ppm, 208 mg/m³ STEL 100ppm, 416 mg/m³ (skin, sen, 2001)

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

Styrene TWA 50ppm, 213 mg/m³, STEL 100ppm, 426 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:
No toxicity data available for this product.

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 5433:1999 Transport of Dangerous Goods on Land.

15. Regulatory information

Not classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001

Not classified as Dangerous Goods by NZS 5433:1999 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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