

Material Safety Data Sheet

1. Identification of the substance/mixture and supplier

Product Name: **Strong Reglaze Solvent**

Recommended use: Conditioning of previously coated floors prior to recoating

Supplier: Uroxsys Ltd
 Street Address: 17 Trugood 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
 ERMA Approval: HSR002650

2. Hazards identification

Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001
 Classified as Dangerous Goods by NZS 5433:1999 Transport of Dangerous Goods on Land.

Subclass 3.1 Category C (medium hazard) - Flammable liquid
 Subclass 6.4 Category A - Substances that are irritating to the eye
 Subclass 9.1 Category B - Substances that are ecotoxic in the aquatic environment

Risk phrases: R10 Flammable
 R36 Irritating to eyes

Safety Phrases S16 Keep away from sources of ignition - No smoking
 S24/25 Avoid contact with skin and eyes
 S28 After contact with skin, wash immediately with plenty of soap and water.
 S29 Do not empty into drains
 S38 In case of insufficient ventilation, wear suitable respiratory equipment.

3. Composition/information on hazardous ingredients

1-methoxy-2-propyl propionate	148462-57-1	>60%	R10,R20/21/22,R36
n-methylpyrrolidone	872-50-4	10-30%	R36/38

4. First-aid measures

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

Ingestion: Do not induce vomiting. Keep warm and at rest. Obtain emergency medical attention.

Inhalation: Remove to fresh air. If breathing has stopped, apply artificial respiration. Seek medical advice. Prompt action is essential.

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

Eye Contact: If in eyes, hold eyes open, flood with water for at least 15 minutes. Obtain medical attention urgently.

5. Fire-fighting measures

- Specific Hazards:** Flammable liquid. On burning will emit toxic fumes including those of oxides of carbon.
- Fire-fighting advice:** On burning will emit toxic fumes. If safe to do so, remove containers from the path of fire. Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.
- Suitable Extinguishing Media:**
Foam, dry agent (carbon dioxide, dry chemical powder).
- Hazchem Code:** 3[Y]

6. Accidental release measures

- Emergency procedures:**
If contamination of sewers or waterways has occurred advise local emergency services.
- Methods for containment & clean up:**
Shut off all possible sources of ignition. Clear area of all unprotected personnel. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers or drums for disposal.

7. Handling and storage

- Handling advice:**
Avoid skin and eye contact and breathing in vapour. May form flammable vapour mixtures with air. All potential sources of ignition must be eliminated both in and near the work area. Do NOT smoke. Flameproof equipment is necessary in all areas where this chemical is being used. Nearby equipment must be earthed. Vapour may travel a considerable distance to a source of ignition and flash back.
- Storage advice:**
Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

8. Exposure controls/personal protection

- Workplace Exposure Limits:**
n-methylpyrrolidone TLV:TWA 25 ppm, 103mg/m³, STEL 75 ppm, 309 mg/m³ (skin, 2001)
- Engineering Control Measures:**
Ensure ventilation is adequate. Use with local exhaust ventilation. 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

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|---------------------------|-----------------------|
| Physical state: | liquid |
| Colour: | colourless |
| Solubility: | appreciable |
| Specific Gravity: | 0.96 |
| Flash Point (°C): | 58°C (closed cup) |
| Flammability Limits (%): | Lower 0.5%, Upper 20% |
| Boiling Point/Range (°C): | 160°C |

10. Stability and reactivity

Stability:	Stable under normal conditions
Conditions to avoid:	Avoid contact with foodstuffs. Avoid exposure to heat, sources of ignition and open flame.
Incompatible materials:	Strong oxidising agents, strong caustics
Hazardous decomposition products:	Combustion will generate oxides of carbon

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:	A large dose may cause gastrointestinal irritation, central nervous system depression and kidney damage.
Eye contact:	Liquid or vapour will cause conjunctiva irritation and possibly corneal damage.
Skin contact:	Repeated or prolonged skin contact may cause defatting of the skin leading to irritation dermatitis. Vapour may be absorbed through skin in toxicologically significant amounts.
Inhalation:	Exposure to vapour may cause irritation of the nose, throat and respiratory tract and headache. Exposure to vapour at high concentrations may cause severe irritation of throat and respiratory tract, loss of consciousness and kidney and liver damage.

Long Term Effects:
No information available.

Toxicological Data:

No LD50 data available for the product. The toxicity of the product may be attributed to the solvents it contains. However, for constituent 1-methoxy-2-propyl propionate;
Dermal LD50 (rat): >12000 mg/kg
For n-methylpyrrolidone:
Oral LD50 (rat) 4200 mg/kg, Dermal LD50 (rat) 8000 mg/kg.

12. Ecotoxicological information

Avoid contaminating soil and waterways.

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.

14. Transport information

Road and Rail Transport
Classified as Dangerous Goods by NZS 5433:1999 Transport of Dangerous Goods on Land
UN No: 1993
Class: 3 Flammable
Packing Group: III
Proper Shipping Name: FLAMMABLE LIQUID NOS (Methotate (PMP) & n-methyl pyrrolidone)
Hazchem Code: 3[Y]

Marine Transport

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

UN No: 1993

Class: 3 Flammable

Packing Group: III

Proper Shipping Name: FLAMMABLE LIQUID NOS (Methotate (PMP) & n-methyl pyrrolidone)

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: 1993

Class: 3 Flammable

Packing Group: III

Proper Shipping Name: FLAMMABLE LIQUID NOS (Methotate (PMP) & n-methyl pyrrolidone)

15. Regulatory information

Classification: This material is hazardous according to the criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

Subclass 3.1 Category C (medium hazard) - Flammable liquid

Subclass 6.4 Category A - Substances that are irritating to the eye

Subclass 9.1 Category B - Substances that are ecotoxic in the aquatic environment

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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