

Safety Data Sheet

Product Name: **PRIME EXPOSURE STANDARD SEALER** (UN No.1866)

Hazardous Substance, Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Name : Prime Exposure Standard Sealer

Recommended Use : Concrete sealer and glaze

Supplier : Prime Exposure
Street Address : 39A Myrtle Street
Glen Waverley
Vic. 3150

Emergency : Phone 13 11 26

2. HAZARDS IDENTIFICATION

This material is hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.



Signal Word
Warning

Hazard Classifications

Australia:
Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

New Zealand:
Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
Classified as Dangerous Goods for transport, according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.

HSNO Classification:

- 3.1C Flammable Liquid: Medium Hazard
- 6.1D Substance that is acutely toxic.
- 6.3A Substance that is irritating to the skin.
- 6.4A Substance that is irritating to the eye.
- 6.8B Substance that is a suspected human reproductive or developmental toxicant.
- 6.9B Substance that is harmful to human target organs or systems.
- 9.1B Substance that is toxic in the aquatic environment.
- 9.3C Substance that is harmful to terrestrial vertebrates.

Hazard Statements

- H226 Flammable liquid and vapour.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H320 Causes eye irritation.
- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.
- H361 Suspected or damaging fertility or the unborn child.
- H371 May cause damage to organs.
- H411 Toxic to aquatic life with long lasting effects.
- H 433 Harmful to terrestrial vertebrates.

Prevention Precautionary Statements

- P102 Keep out of reach of children.
- P103 Read label before use.
- P104 Read Safety Data Sheet before use.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical, ventilating, lighting and all other equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P260 Do not breathe dust / fume / gas / mist / vapours / spray.
- P264 Wash hands, face and all exposed skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment. This statement does not apply where this is the intended use.
- P280 Wear protective clothing, gloves, eye/face protection and suitable respirator.
- P281 Use personal protective equipment as required.

Response Precautionary Statements

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309+ P311	If exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P370+P378	In case of fire: Use foam, carbon dioxide or dry chemical.
P391	Collect spillage.

Storage Precautionary Statements

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

Disposal Precautionary Statement

P501	Dispose of contents/container in accordance with local, regional, national and international regulations.
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Risk Phrase(s)

R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R37/38	Irritating to respiratory system and skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic Environment.

Safety Phrase(s)

S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S24/25	Avoid contact with skin and eyes.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.

3. COMPOSITION INFORMATION

Ingredients Name	CAS	EINECS	PROPORTION
Xylene	1330-20-7	215-535-7	20-50%
Other ingredients determined not to be hazardous			To 100%
Acrylic copolymer resin	Proprietary		20-50%
Solvent naphtha (petroleum), light aromatic	64742-95-6	265-199-0	10-30%
Solvent naphtha (petroleum), heavy aromatic	64742-94-5	265-198-5	10-30%

4. FIRST AID MEASURES

Inhalation

If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion

If swallowed, do NOT induce vomiting. Wash mouth thoroughly with water. Seek immediate medical attention.

Skin

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Ensure contaminated clothing is washed before re-use or discard. If irritation develops, seek medical attention.

Eye

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.

First Aid Facilities

Eye wash station and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor at once.

5. FIRE FIGHTING MEASURES

Hazchem Code: 3Y

Suitable Extinguishing Media

Water fog or water spray, foam, carbon dioxide or dry chemical powder.

Hazards from Combustion Products

Combustion products may include carbon monoxide and carbon dioxide.

Specific Hazards

Flammable liquid. Vapour/air mixtures may ignite explosively. Precautions should be taken to eliminate the build-up of explosive mixtures. Flashback along the vapour trail may occur. Runoff to sewer may create fire hazard. Heating can cause expansion or decomposition leading to violent rupture of containers.

Precautions in connection with Fire

Fire-fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Use water spray to cool storage containers and tanks, pipelines and fire-exposed surfaces.

6. ACCIDENTAL RELEASE MEASURES**Emergency Procedures**

Eliminate all sources of ignition and ventilate the area. Clear area of all unprotected personnel. Slippery when spilled. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye exposure and inhalation of vapours. **If possible contain the spill.** Collect the material and place into suitable labelled containers for subsequent recycling or disposal. **If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations.** Dispose of waste according to applicable local and national regulations.

7. HANDLING AND STORAGE**Precautions for Safe Handling**

Wear appropriate protective clothing and equipment to prevent inhalation, skin and eye contact. Handle and use the material in a well-ventilated area, away from sparks, flames and other ignition sources. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Work from suitable, labelled, fire-resistant containers. Keep containers closed when not in use. Flameproof equipment is necessary in areas where the product is being used. Take precautionary measures against static discharges. Earth or bond all equipment. Do not empty into drains. Maintain a high level of personal hygiene when using the product, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.

Conditions for Safe Storage

Store in a cool, dry, well ventilated area away from sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all Local, State and Federal regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**National Exposure Standards**

No exposure value assigned for this specific material by the Australian National Occupational Health and Safety Commission (NOHSC) or the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. However, the available exposure limits for ingredients are listed below:

Australian National Occupational Health and Safety Commission (NOHSC) Exposure Standards:

Substance TWA STEL NOTICES

ppm mg/m³ ppm mg/m³

Xylene 80 350 150 655 –

New Zealand Occupational Safety and Health Service (OSH) Workplace Exposure Standards:

Substance TWA STEL NOTICES

ppm mg/m³ ppm mg/m³

Xylene 50 217

In addition the manufacturer recommends TWA 100 mg/m³ for solvent naphtha.

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week. **STEL (Short Term Exposure Limit):** The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Biological Limit Values

No biological limit allocated.

Engineering Controls

Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof local exhaust ventilation system is required.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection

Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection

Wear laminated film, nitrile or other suitable gloves conforming to AS/NZS 2161: Occupational protective gloves.

Body Protection

Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Clear, pale straw coloured liquid with a solvent odour.

Odour

Aromatic hydrocarbon odour.

Melting Point

Not available

Boiling Point

137-143°C (for Xylene)

Solubility in Water

Insoluble

Specific Gravity

0.94-0.98

Vapour Pressure

5.2 kPa at 38°C (for Xylene)

Vapour Density (Air=1)

3.7 (Air=1) (for Xylene)

Evaporation Rate

0.70 (n-Butyl acetate=1) (for Xylene)

Flash Point

27°C (Tag Closed Cup)

Flammability

Flammable liquid.

Auto-Ignition Temperature

Not available

Flammable Limits - Lower

1.1% (for Xylene)

Flammable Limits - Upper

7.7% (for Xylene)

10. STABILITY AND REACTIVITY**Chemical Stability**

Stable under normal conditions of storage and handling.

Incompatible Materials

Strong oxidising agents and halogens.

Hazardous Decomposition Products

Carbon monoxide and carbon dioxide.

Hazardous Reactions

Hazardous reaction with strong oxidising agents and halogens.

Hazardous Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION**Toxicology Information**

No toxicity data are available for this specific product. The available data for the ingredients are as follows:

For Xylene:

LD50 (Oral, Rat): 4,300 mg/kg

LD50 (Dermal, Rabbit): 4,500 mg/kg

LC50 (Inhalation, Rat): 5,000 ppm/4h

12. ECOLOGICAL INFORMATION**Eco Toxicity**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Persistence / Degradability

Not available

Mobility

Not available

Bio Accumulative Potential

Not available

Environ. Protection

Do not allow product to enter drains, waterways or sewers

13. DISPOSAL CONSIDERATIONS**Disposal Considerations**

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

14. TRANSPORT INFORMATION**Transport Information**

Australia:

This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail.

Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:

- Class 1, Explosives
- Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3, Toxic Gases
- Class 4.2 Spontaneously Combustible Substances
- Class 5.1 Oxidising Agents and Class 5.2, Organic Peroxides
- Class 6 Toxic Substances (where the flammable liquid is nitromethane)
- Class 7 Radioactive Substances.

New Zealand:

This material is classified as a Class 3 - Flammable Liquid according to NZS 5433:2007 Transport of Dangerous Goods on Land. It must not be loaded in the same freight container or on the same vehicle with:

- (Class 1) Explosives
- (Class 2.1) Flammable gases
- (Class 2.3) Toxic gases
- (Class 4.2) Spontaneously combustible substances
- (Class 5.1) Oxidising substances
- (Class 5.2) Organic peroxides or
- (Class 7) Radioactive materials unless specifically exempted.

It must not be loaded with in the same freight container; and on the same vehicle must be separated horizontally by at least 3 metres unless all but one are packed in separate freight containers with:

- (Class 4.3) Dangerous when wet substances

Goods of packing group 11 or III may be loaded in the same freight container or on the same vehicle if transported in segregation devices with:

- (Class 4_2) Spontaneously combustible substances
- (Class 4_3) Dangerous when wet substances
- (Class 5.1) Oxidising substances
- (Class 5.2) Organic peroxides



UN Number: 1866
DG Class: 3
Hazchem Code: 3Y
Packing Group: III
IERG Number: 14

Proper Shipping Name: RESIN SOLUTION

15. REGULATORY INFORMATION

Regulatory Information

Australia:

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.

Classified as a Scheduled Poison S5 according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

Poisons Schedule

S5

National and or International Regulatory Information

New Zealand:

Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

Group Standard:

Surface Coatings and Colourants (Flammable) Group Standard 2006

HSNO Approval Number: HSR002662.

Hazard Category

Harmful, Irritant, Dangerous for the environment, Flammable

16. OTHER INFORMATION

Contact Person/Point

For specialist advice in emergencies: Australia 1800 022 037; New Zealand 0800 154 666

IMPORTANT ADVICE: This SDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Prime Exposure. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

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