



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier

Product name	Platinum Xylene Thinner
Chemical Name	Xylol, Dimethyl benzene
Other means of identification	Not Available
Product Type	Thinner

1.2 Uses and uses advised against

Use(s) Solvent, raw material for chemical industry

1.3 Details of the supplier of the product

Supplier name	Premium Sealers
Address	Unit 1/5 Edison Circuit, Forrestdale, WA 6112, AUSTRALIA
Telephone	1800 779 007
Email	ask@sealers.com.au
Website	http://www.sealers.com.au

1.4 Emergency telephone number(s)

Emergency 1800 779 007

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

* THIS PRODUCT IS CLASSIFIED IN ACCORDANCE TO AUSTRALIAN REGULATION - GHS V3, AND ADG CODE.

GHS classification(s) FLAMMABLE LIQUIDS - Category 3
SKIN CORROSION/IRRITATION - Category 2
ACUTE TOXICITY - DERMAL - Category 4
ACUTE TOXICITY - INHALATION - Category 4

2.2 Label elements

Signal word **WARNING**

Pictogram(s)



Hazard statement(s)

H226	Flammable liquid and vapour
H312	Harmful in contact with skin
H315	Causes skin irritation
H332	Harmful if inhaled

General statement(s)

P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P103	Read label before use

Prevention statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P233	Keep container tightly closed

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Prevention statement(s)

- P240 Ground/bond container and receiving equipment
- P241 Use explosion-proof electrical/ventilation/lighting equipment
- P242 Use only non-sparking tools
- P243 Take precautionary measures against static discharge
- P261 Avoid breathing mist/vapours/spray
- P264 Wash thoroughly after handling
- P271 Use only outdoors or in a well-ventilated area
- P280 Wear protective gloves/eye protection/face protection

Response statement(s)

- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell.
- P332 + P313 If skin irritation occurs: Get medical advice/attention.
- P312 Call a POISON CENTER or physician if you feel unwell.
- P333 + P313 If skin irritation occurs: Get medical attention.
- P362 Take off contaminated clothing and wash before reuse.
- P363 Wash contaminated clothing before reuse
- P370 + P378 In case of fire: Use foam/water spray/fog for extinction

Storage statement(s)

- P403 + P313 Store in a well-ventilated place. Keep cool.

Disposal statement(s)

- P501 Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.3 Other hazards

No information provided.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

- Substance/mixture** : Mixture
- Chemical name** : Not available
- Other means of identification** : Not available

Hazardous ingredient name	CAS Number	% by weight
XYLENE	1330-20-7	100
Note – contains < 0.1% benzene		

4. FIRST AID MEASURES

4.1 Description of first aid measures

- Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Get medical attention immediately.
- Skin contact** If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. Transport to nearest medical facility for additional treatment if necessary.
- Eye contact** If in eyes, hold eyes open, flood with water for at least 15 minutes. Transport to nearest medical facility for additional treatment if necessary.
- Ingestion** If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

4.2 Symptoms caused by exposure

- Inhalation** In high concentrations, may cause central nervous system depression resulting in dizziness, light-headedness, headache, nausea and loss of coordination. Continuous inhalation may result in unconsciousness and death.
- Skin** May include burning sensation, redness, swelling and/or blisters.
- Eye** May include burning sensation, redness, swelling and/or blurred vision.

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Ingestion May include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath and/or fever. The onset of respiratory symptoms may be delayed for several hours after exposure.

Medical attention and special treatment

Treat symptomatically

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable: Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Do not use water in a jet.

Specific hazards arising from the chemical: Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface water. Vapour is heavier than air, can spread along ground and distant ignition is possible.

Special protective equipment and precautions for fire-fighters: Wear full protective clothing and self-contained breathing apparatus.

Hazchem code: HAZCHEM: *3Y

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

6.2 Environmental precautions

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Ventilate contaminated area thoroughly.

6.3 Methods and materials for containment and cleaning up

For small spills (< 1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.

For larger spills (> 1 drum), transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Flammable product. Avoid breathing vapours. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment.

7.2 Conditions for safe storage, including any incompatibilities

Bulk storage tanks should be banded. Store in a well-ventilated area, away from sunlight, ignition sources and other sources of heat. Do not store near strong oxidants.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Exposure control measures

From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia - Xylene: 350mg/m³ (80ppm) TWA (8hr), 655mg/m³ (150ppm) STEL

8.2 Biological monitoring

No biological limit allocated.

8.3 Engineering controls

Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

8.4 Individual protection measures

Eye and face protection	Wear safety goggles.
Skin protection	Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.
Respiratory protection	If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.
Thermal hazards	Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Colourless liquid
Odour:	Aromatic
Odour threshold (ppm):	0.27
pH:	Data not available
Melting point/freezing point (°C):	-48
Initial boiling point and boiling range (°C):	136 - 145
Flash point (°C):	26 (Abel)
Evaporation rate (Butyl acetate = 1):	Data not available
Flammability:	Flammable
Upper/lower flammability or explosive limits (%):	1.0 - 7.1
Vapour pressure (kPa):	0.8 - 1.2
Vapour density (air = 1):	3.7
Density (g/ml @ 15°C):	0.87
Solubility (kg/m3):	0.175
Partition coefficient: n-octanol/water:	Data not available
Auto-ignition temperature (°C):	Typical 432 - 530
Decomposition temperature (°C):	Data not available
Kinematic viscosity (mm2/s @ 20°C):	Data not available.

10. STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions of use.
Chemical stability:	Stable under normal conditions of use.
Possibility of hazardous reactions:	Stable under normal conditions of use.
Conditions to avoid:	Avoid heat, sparks, open flames and other ignition sources.
Incompatible materials:	Strong oxidising agents.
Hazardous decomposition products:	Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Expected to be of low toxicity LD50 Oral (rat) > 2000mg/kg
Skin corrosion/irritation:	Irritating to skin
Serious eye damage/irritation:	Irritating to eyes
Respiratory or skin sensitisation:	Not expected to be a sensitiser
Germ cell mutagenicity:	Not mutagenic
Carcinogenicity:	Not expected to be carcinogenic

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Reproductive toxicity:	Does not impair fertility
Specific Target Organ Toxicity (STOT) – single exposure:	Inhalation of vapours or mists may cause irritation to the respiratory system
Specific Target Organ Toxicity (STOT) – repeated exposure:	Central nervous system: repeated exposure affects the nervous system. Liver, Kidneys: can cause damage.
Aspiration hazard:	Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal

12. ECOLOGICAL INFORMATION**12.1 Ecotoxicity**

Acute toxicity:

Fish –	Toxic: 1 < LC/EC/IC50 <= 10mg/l
Aquatic invertebrate –	Toxic: 1 < LC/EC/IC50 <= 10mg/l
Algae –	Toxic: 1 < LC/EC/IC50 <= 10mg/l
Microorganisms –	Data not available

Chronic toxicity:

Fish –	Data not available
Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

12.2 Persistence/degradability

Readily biodegradable. Oxidises by photo-chemical reactions in air.

12.3 Bioaccumulative potential

Not expected to bioaccumulate significantly

12.4 Mobility in soil

Floats on water, highly mobile and may contaminate groundwater

12.5 Other adverse effects

Data not available

13. DISPOSAL CONSIDERATIONS**13.1 Disposal methods**

Ensure waste disposal conforms to local waste disposal regulations.

14. TRANSPORT INFORMATION

UN number:	1307
Proper shipping name:	Xylenes
Australian Dangerous Goods class:	3
Australian Dangerous Goods packing group:	III
Hazchem code:	3Y

