

MATERIAL SAFETY DATA SHEET

SECTION 1 Identification of Material and Supplier

Product Name: Rhinothane[®] T Pack B

Recommended Use: Pack B of a two pack product used as a surface coating when mixed with Pack A.
Refer to the MSDS for Pack A before use.

Supplier: Wagon Paints Australia Pty Ltd.

ABN: 76 412 791 772

Street Address: 5 Stephenson Road, Bayswater North, 3153

Telephone No: (03) 9729 1344

Emergency Telephone No: (03) 9729 1344 from 8:00 am to 4:30 pm

SECTION 2 Hazards Identification

This material is hazardous according to the criteria of NOHSC.

Xn: Harmful

Xi: Irritant

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

Risk phrase(s):

R11 Highly Flammable.
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36/37/38 Irritating to respiratory system, eyes and skin.
R42/43 May cause sensitisation by inhalation and skin contact.
R66 Repeated exposure may cause skin drying or cracking.

Safety phrase(s):

S16 Keep away from sources of ignition – No smoking.
S23 Do not breathe vapour or spray mist.
S24/25/26 Avoid contact with skin and eyes.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27/28 Take off immediately all contaminated clothing, after contact with skin wash immediately with soap and water.
S29 Do not empty into drains.
S38 In case of insufficient ventilation, wear suitable respiratory equipment.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

SECTION 3 Composition/Information on Ingredients

Hazardous Ingredients:

CHEMICAL ENTITY:	CAS No.	Proportion:
Toluene	108 - 88 - 3	< 10 %
n Butyl Acetate	123 - 86 - 4	< 10 %
Xylene	1330 - 20 - 7	< 10 %
Ethyl 3-Ethoxypropionate	763 - 69 - 9	< 10 %
Aliphatic/Aromatic Polyisocyanate	-	> 60 %
Monomeric isocyanate	-	< 0.3 %

SECTION 4 First Aid Measures

For advice, contact a Poisons Information Centre (Phone **Australia 131126**; New Zealand 0 800 764 766) or a doctor.

Ingestion:

Do not induce vomiting.

If vomiting occurs, maintain open airway and prevent aspiration.

If patient is alert, give a glass of water to rinse out mouth, and then sip slowly.

Seek medical attention urgently.

Eye contact:

Flush eye with clean water for 15 minutes.

If irritation persists, seek medical attention.

Skin contact:

Wash skin contact area with soap and water.

Remove contaminated clothing and wash before reuse.

Inhalation:

Remove patient to fresh air. Lay patient down and keep warm and rested.

Seek medical advice if effects persist.

If breathing stops, apply artificial respiration and seek medical advice urgently.

Inhalation:

Remove patient to fresh air. Lay patient down and keep warm and rested.

Remove contaminated clothing. Seek medical advice if effects persist.

If patient finds breathing difficult and develops a bluish skin discolouration, ensure airways are clear and have a qualified person give oxygen through a face mask.

If breathing stops, apply artificial respiration and seek immediate medical advice.

First Aid Facilities:

Sterile eye wash bottle.

Advice to Doctor:

Treat symptomatically. Because of the risk of aspiration, gastric lavage should only be undertaken after endotracheal intubation.

SECTION 5 **Fire Fighting Measures**

Specific Hazards:

Flammable liquid. On burning, will emit toxic fumes.

Fire/Explosion Hazard:

Keep containers cool with water spray.

If safe remove containers from path of fire.

Extinguishing Media - Foam, Carbon Dioxide, Dry Chemical.

Fire Fighting:

Fire fighters should wear self-contained breathing apparatus and protective clothing.

Note:

Closed containers may explode if exposed to extreme heat.

SECTION 6 **Accidental Release Measures**

Emergency Procedures:

Eliminate all ignition sources.

Ensure good ventilation.

Clear area of unprotected personnel.

Slippery when wet.

Prevent entry into drains or watercourses.

Remove leaking containers to a detached area.

Cover spills with sand, diatomaceous earth or other absorbent.

Collect and seal into properly labelled containers and securely close.

SECTION 7 **Handling and Storage**

Flammability:

Use in well-ventilated areas away from ignition sources.

Prevent build-up of explosive air-vapour mixtures.

Earth and bond all process equipment to avoid static electricity discharge.

Ensure equipment and fittings are flame-proofed.

Handling Advice:

Avoid skin and eye contact and breathing in of vapour.

Storage Advice:

Store in tightly closed steel containers, away from heat, electrical equipment and open flames or sparks.

Do not store in low or enclosed areas where vapours may become trapped.

SECTION 8**Exposure Controls/Personal Protection****Exposure Standards:**

Chemical Entity	TLV (TWA)
Toluene	100 ppm
n Butyl Acetate	150 ppm
Xylene	80 ppm
Ethyl 3-Ethoxypropionate	Not Established
Aliphatic/Aromatic Polyisocyanate	None Available
Monomeric isocyanate	0.01 ppm

Engineering Controls:

Mechanical ventilation to keep vapour levels below T.L.V.

E.g. spray booth fitted with an effective exhaust system and complying with local regulations applicable to spray painting.

Personal Protection:

The can may be under pressure. Before opening place cloth over lid to prevent lid flying off, then lever off gradually.

Always wash hands before smoking, eating, drinking, or using toilet.

Wash contaminated clothing and other protective equipment before storage or reuse.

Respiratory Protection:

Avoid breathing vapour or spray mist.

If inhalation risk exists wear a positive air supplied full face respirator (AS/NZ 1716 compliant).

In the case of hypersensitivity of the respiratory tract (Eg. Asthmatics, & those who suffer from chronic bronchitis), it is inadvisable to work with this product.

Personnel not involved in spraying / sanding operations should be isolated from work area.

Skin:

Avoid contact with skin.

Wear apron, impervious gloves, overalls and safety boots.

Eyes:

Avoid eye contact.

Wear chemical safety goggles or complete face mask.

SECTION 9**Physical and Chemical Properties**

Appearance:	Free flowing clear liquid.
Odour:	Solvent.
Vapour pressure: (KPa)	Not available
Vapour density:	Heavier than air
Boiling Range: (°C)	110 - 172
Solubility in Water (g/L):	Immiscible
Specific Gravity: (approx.)	1.0
Flashpoint: (°C)	5
Flammability Limits (% v/v):	Not available
Ignition temperature:	Not available

SECTION 10	Stability and Reactivity
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Chemical Stability:	Reacts slowly with moisture liberating carbon dioxide gas. Closed containers may pressurise.
Conditions to avoid:	Avoid exposure to heat, sources of ignition, and open flames.
Hazardous decomposition products:	Thermal decomposition (combustion) will produce a complex mixture of products including carbon monoxide, nitrogen oxides, isocyanate vapour, and traces of hydrogen cyanide.
Polymerisation:	Will not occur.
Materials to avoid:	Incompatible with amines and alcohols.

SECTION 11	Toxicological Information
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Health Effects (Knowledge is based on that of the constituents.)

Acute:

Swallowed:

Considered to be harmful by ingestion. May cause irritation to mouth, throat and digestive system. May cause nausea and vomiting. Tends to break up into a foam if the patient vomits. Upon aspiration into the lungs, chemical pneumonitis may develop.

Eye:

Highly irritating to the eyes.

Skin:

Mildly irritating to the skin. Will have a degreasing action on the skin. A skin sensitizer, frequent or prolonged contact may lead to allergic contact dermatitis.

Inhaled:

Irritant to mucous membranes of the respiratory tract. Breathing in vapour may cause headaches, dizziness, drowsiness and nausea. Prolonged exposure to high concentrations may cause unconsciousness. A respiratory sensitizer, can cause possible allergic reactions producing asthma-like symptoms.

Chronic:

Long term solvent inhalation over-exposure may result in nervous system impairment and liver and blood changes. May cause skin sensitisation. May cause respiratory sensitisation in some susceptible individuals with asthma like symptoms.

SECTION 12	Ecological Information
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Prevent entry into drains or watercourses.

SECTION 13	Disposal Considerations
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Dispose of in accordance with local, state and Commonwealth regulations.
Dispose of material through a licensed waste contractor. Advise of flammable nature.

SECTION 14	Transport Information
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Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road & Rail.

UN Number:	1866
Dangerous Goods Class:	3 Flammable Liquid
Package Group:	II
Proper Shipping Name:	Resin Solution.
Hazchem Code:	3[Y]E
Emergency Guide:	EPG 3A1

SECTION 15	Regulatory Information
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This regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances. (AICS)

Poison Schedule:
S6

SECTION 16	Other Information
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Prepared by: Technical Manager, Wagon Paints.

This MSDS summarises, to our best knowledge at the date of issue, the health and safety hazards of the product and provides general guidance on how to safely handle it in the workplace. Since Wagon Paints Australia P/L cannot anticipate all the conditions and situations under which the product may be used, each user must, prior to use, assess and control the risks arising from the use of the product.