

MATERIAL SAFETY DATA SHEET

SECTION 1 Identification of Material and Supplier

Product Name: MONOTEK® Epoxy Thinner

Recommended Use: Thinner for epoxy paints

Supplier: D.P.J. Coating Systems Pty Ltd.

ABN: 56 005 509 679

Street Address: 2 / 25 Jersey Road, Bayswater Victoria 3153

Telephone No: (03) 9720 8777

Emergency Telephone No: (03) 9720 8777 from 8:00 am to 4:30 pm

SECTION 2 Hazards Identification

This material is hazardous according to the criteria of NOHSC.

Xn: Harmful.

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 Harmful by inhalation.
R36/37/38 Irritating to eyes, respiratory system and skin.
R65 Harmful: May cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.

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.
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.



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SECTION 3 Composition / Information on Ingredients

Hazardous Ingredients:

CHEMICAL ENTITY:	CAS No.	Proportion:
Toluene	108 - 88 - 3	30 - 60 %
Xylene	1330 - 20 - 7	30 - 60 %
Denatured Ethanol	64 - 17 - 5	10 - 30 %
Butanone	78 - 93 - 3	10 - 30 %

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.

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.



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Product Name: MONOTEK 1000 - Thinners

Issued: 01/07/2016

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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 D.P.J. Coating Systems Pty Ltd 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.

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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.



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SECTION 8

Exposure Controls/Personal Protection

Exposure Standards:

Chemical Entity	TLV (TWA)
Denatured Ethanol	1000 ppm
Butanone	150 ppm
Toluene	100 ppm
Xylene	80 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:

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 an AS/NZ 1715 and AS/NZ 1716 approved organic vapour respirator.

Where exposure guidelines may be greatly exceeded (eg in confined areas), use air supplied respirator.

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 if decanting large amounts.

SECTION 9

Physical and Chemical Properties

Appearance:	Clear, low-viscosity liquid.
Odour:	Solvent odour.
Vapour pressure: (KPa)	10 Kpa @ 20 °C
Vapour density:	Heavier than air
Boiling Range: (°C)	78 - 143
Solubility in Water (g/L):	Partly miscible
Specific Gravity: (approx.)	0.9
Flashpoint: (°C)	- 4
Flammability Limits (% v/v):	Not available
Ignition temperature:	Not available



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SECTION 10 Stability and Reactivity

Chemical Stability:	Stable under normal conditions of use.
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 and carbon dioxide.
Polymerisation:	Will not occur.
Materials to avoid:	Incompatible with oxidising agents.

SECTION 11 Toxicological Information

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. Frequent or prolonged contact may lead to irritant 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.

Chronic:

Long term solvent inhalation over-exposure may result in nervous system impairment and liver and blood changes.

SECTION 12 Ecological Information

Prevent entry into drains or watercourses.



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SECTION 13 Disposal Considerations

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

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

UN Number: 1263
Dangerous Goods Class: 3 Flammable Liquid
Package Group: II
Proper Shipping Name: Paint Related Material.
Hazchem Code: 3[Y]E
Emergency Guide: EPG 3A1

SECTION 15 Regulatory Information

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

Prepared by: Craig Jones Ph: 1800 062 301 UPDATED: July, 2016



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