

MATERIAL SAFETY DATA SHEET

SECTION 1 Identification of Material and Supplier

Product Name: Monotek® 1000 - Pack B

Recommended Use: Curing agent for Epoxy resins.

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

ABN: 56 005 509 679

Street Address: 2 / 25 Jersey Road, Bayswater 3153

Telephone No: (03) 9720 8777

Emergency Telephone No: (03) 9720 8777 from 9:00 am to 4:30 pm

SECTION 2 Hazards Identification

This material is hazardous according to the criteria of NOHSC.

Xn: Harmful

C: Corrosive

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

Risk phrase(s):

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R34 Causes burns.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.

Safety phrase(s):

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.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).



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NSW: 16/122-124 Hassall Street, Wetherill Park, 2164

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Phone: (03) 9720 8777 Facsimile: (03) 9720 8540
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SECTION 3 Composition/Information on Ingredients

Hazardous Ingredients:

CHEMICAL ENTITY:	CAS No.	Proportion:
Modified Isophorone diamine	Not known	30 - 60 %
Benzyl Alcohol	100 - 51 - 6	30 - 60%
Other ingredients determined not to be hazardous		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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SECTION 5 Fire Fighting Measures

Specific Hazards:

Burning produces obnoxious and toxic fumes.

Suitable Extinguishing media:

Extinguishing Media – Water Spray, Foam, Carbon Dioxide, Dry Chemical.

Extinguishing media which must not be used for safety reasons:

High volume water jet.

Fire Fighting:

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

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

Handling Advice:

Provide sufficient air exchange and/or exhaust in workrooms.

Handle and open containers with care.

Avoid skin and eye contact and breathing in of vapour.

Storage Advice:

Store in tightly closed containers at temperatures between 10 and 30 °C.

Keep away from food, drink, or animal feed.



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SECTION 8 Exposure Controls/Personal Protection

Exposure Standards:

Chemical Entity	TLV (TWA)
Isophoronediamine	Not available
Benzyl alcohol	No value assigned by NHMRC

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.

SECTION 9 Physical and Chemical Properties

Appearance:	Low viscosity, straw coloured liquid
Odour:	Ammonia like
pH:	Approx 13 (1:1 mix in water)
Vapour pressure: (KPa)	< 5 Pa @ 20 °C
Vapour density:	Heavier than air
Boiling Range: (°C)	Not available
Solubility in Water (g/L):	Practically insoluble
Specific Gravity: (approx.)	1.04 @ 25 °C
Flashpoint: (°C)	> 100
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 strong acids & bases, strong 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, vomiting, diarrhoea and abdominal pain.

Eye:

Highly irritating to the eyes.

Skin:

Irritating to the skin.

Inhaled:

Irritant to mucous membranes of the respiratory tract, breathing in vapour may be irritating to the respiratory system.

Chronic:

Product is a skin sensitiser. Repeated or prolonged skin contact may result in allergic contact dermatitis.

SECTION 12 Ecological Information

Avoid subsoil penetration. Prevent entry into drains or watercourses. Do not contaminate surface water.



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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.

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: 2735
Dangerous Goods Class: 8 Corrosive
Package Group: III
Proper Shipping Name: Polyalkyl amines, corrosive, N.O.S.
Hazchem Code: 3W
Emergency Guide: EPG 8A1

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:
SUSDP S5

SECTION 16 Other Information

Prepared by: Craig Jones Ph: 1800 062 301. Updated 01/07/2016

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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