



Material Safety Data Sheet

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Issue date: September 2008

ERABOND 6100 PRIMER PART B

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: ERABOND 6100 PRIMER PART B

Synonym: None

Use: Polyurethane primer curative

Era Polymers Pty Ltd
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Banksmeadow NSW 2019
Australia
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Emergency Advice All Hours:
Technical Manager +61 2 9666 3788

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

Hazard Category: None allocated

Hazard Classification: NON-HAZARDOUS SUBSTANCE, DANGEROUS GOOD

RISK PHRASES

R10 Flammable.

SAFETY PHRASES

S16 Keep away from sources of ignition - No smoking.

S24/25 Avoid contact with skin and eyes.

S29 Do not empty into drains.

S45 In case of accident or if you feel unwell, contact a doctor immediately and show this container or label.

S51 Use only in well-ventilated areas.

S60 This material and its container must be disposed of as hazardous waste.

Poison Schedule: S5 [Aust]

This material is a Scheduled **S5** Poison and must be stored, handled and used according to the appropriate regulations.

Warning Statement:

Avoid skin and eye contact. Flammable liquid - avoid sources of ignition.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
N-BUTYL ACETATE	10 to 30%	123-86-4
1-METHOXY-2-PROPANOL ACETATE (Below Cut-off)	1 to 10%	108-65-6

All other ingredients not hazardous according to NOHSC Criteria.

4. FIRST AID MEASURES

Swallowed:

If swallowed, DO NOT induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Drink plenty of water. Seek medical attention.



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Eye:

If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eyelids are held open. Seek medical attention if irritation persists.

Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap. Seek medical attention if irritation persists.

Inhaled:

Remove exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Seek medical attention if any discomfort continues.

First Aid Facilities:

Eye wash fountain, safety shower and normal washroom facilities.

Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 131126

In New Zealand Tel: 034747000

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

EXTINGUISHING MEDIA: Fire can be extinguished using water spray, fog or mist; foam; carbon dioxide; or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus (SCBA) and full protective clothing required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable liquid. By heating and fire, irritating vapours or gases may be formed. Vapours from this product may travel considerable distance to source of ignition and flash back.

HAZCHEM CODE: 3[Y] [Aust]

FLAMMABILITY

Flammable liquid. Avoid all sources of ignition, heat and naked flames.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Warn everybody of potential hazards and evacuate if necessary. Remove sources of ignition. Avoid inhalation of spray mist and avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS:

Do not discharge into drains, watercourses, or onto the ground. Spillages or uncontrolled discharges into watercourses must be immediately alerted to the local water company or Environmental Agency.

SPILL CLEAN-UP METHODS:

Absorb with non-combustible absorbent material. Transfer to a container for disposal. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.



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7. HANDLING AND STORAGE

USAGE PRECAUTIONS:

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Take precautionary measures against static discharges. Storage tanks and other containers must be grounded. Do not smoke, use naked flames or other sources of ignition. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.

STORAGE PRECAUTIONS:

Store in tightly closed original containers in a cool, dry, well-ventilated place. Keep away from heat, sparks and open flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No exposure standards are available for this product, however, the following exposure standards have been assigned by [NOHSC] to the following components of the product:

- ***N-BUTYL ACETATE***

(Worksafe Australia)

[TWA] 150 ppm 713 mg/m³

[STEL] 200 ppm 950 mg/m³

References: H

(ACGIH)

[TWA] 150 ppm 713 mg/m³

[STEL] 200 ppm 950 mg/m³

Carcinogen Category: A4

- ***1-METHOXY-2-PROPANOL ACETATE (Below Cut-off)***

(Worksafe Australia)

[TWA] 50 ppm 274 mg/m³

[STEL] 100 ppm 548 mg/m³

Notices: Sk

(ACGIH)

[TWA] 100 ppm

Engineering Controls

Flammable liquid. Maintain adequate general and local exhaust ventilation at all times. Prevent accumulation of vapours in hollows or sumps. Eliminate any sources of ignition. Elevated temperature or mechanical action may form vapours, mists or fumes, which may require local exhaust ventilation systems. If ventilation is insufficient, wear approved respiratory protection.

Personal Protection Equipment

CLOTHING: Wear suitable protective clothing to prevent skin contact.

GLOVES: Wear protective gloves to prevent skin contact - rubber or plastic.

EYES: Wear safety glasses with side shields, chemical goggles or face shield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. When gases exceed the exposure standards then the use of a half-face respirator with organic vapour cartridge is recommended. For high concentrations use an atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus, complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Grey liquid
Boiling Point Melting Point:	BP = 125-150°C, MP = not determined
Vapour Pressure:	Not determined
Specific Gravity:	1.55 @ 25°C
Flash Point:	26.6°C
Flammability Limits:	Not determined
Solubility in Water:	Insoluble

Other Properties

Vapour density > 1 (air = 1)

% Volatiles (by vol.) = 34%

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal temperature conditions and recommended use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition or combustion may liberate carbon monoxide, carbon dioxide and other toxic gases or vapours.

HAZARDOUS POLYMERIZATION:

Will not occur under normal conditions of use.

INCOMPATIBILITIES:

Avoid contact with: oxidising agents, strong acids, and isocyanates.

CONDITIONS TO AVOID:

Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time. Store below 25°C.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

ACUTE HEALTH EFFECTS:

Swallowed:

May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

Eye:

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Skin:

May cause irritation to the skin, with effects including: redness and itchiness.

Inhaled:

May cause irritation to the nose, throat and respiratory system with effects including: dizziness, headache and loss of co-ordination.

Chronic:

Prolonged or repeated skin contact may lead to dermatitis.

Toxicological Data:

There is no other toxicological information available for this product.



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16. OTHER INFORMATION

Date of Preparation:

Issue date: 10 September 2008

Supersedes: None

Reasons for Update:

First Issue

Key Legend Information:

NOHSC - National Occupational Health & Safety Commission {Formerly Worksafe}[Aust]

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons [Aust]

TWA - Time Weighted Average [Int]

STEL - Short Term Exposure Limit [Int]

AICS - Australian Inventory of Chemical Substances

EPA - Environmental Protection Agency [Int]

NIOSH - National Institute for Occupational Safety and Health [US]

AS/NZS 1715 - Selection, use and maintenance of respiratory protective devices. [Aust/NZ]

AS/NZS 1716 - Respiratory protective devices. [Aust/NZ]

IATA - International Aviation Transport Authority [Int]

ICAO - International Civil Aviation Organization [Int]

IMO - International Maritime Organisation. [Int]

IMDG - International Maritime Dangerous Goods [Int]

United Nations Recommendations for the Transport of Dangerous Goods and Globally Harmonized System for the classification and labelling of Chemicals. [Int]

EU - European Union

[Aust/NZ] = Australian New Zealand

[Int] = International

[US] = United States of America

Removal of the heading of *Poison Schedule [Aust]*, in section 3 and 15 of this Material Safety Data Sheet (MSDS) makes this a valid health and safety document in other international jurisdictions/countries. For full compliance please contact your Federal, State or Local regulators for further information.

Disclaimer

This MSDS summarises our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used.

Principal References:

Information supplied by manufacturer, reference sources including the public domain.

END OF MSDS