

# Safety Data Sheet



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** 701-94903 ENVIROPRO ENDURE PART B

**Recommended Use:** Part B for two pack timber floor coating.

**Supplier:** Cabot's Australia, a division of DuluxGroup (Australia) Pty Ltd  
**ABN:** 67 000 049 427  
**Street Address:** 1956 Dandenong Road  
Clayton, Victoria  
Australia

**Telephone Number:** +61 3 9263 5678  
1800 011 006 (toll free)

**Facsimile:** +61 3 9543 4346  
1800 657 977 (toll free)

**Emergency Telephone:** 1 800 033 111 (ALL HOURS)

## 2. HAZARDS IDENTIFICATION

This material is hazardous according to criteria of Safe Work Australia; HAZARDOUS SUBSTANCE.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

**Risk Phrases:** May cause sensitisation by skin contact.

**Safety Phrases:** Avoid contact with skin. Wear suitable gloves.

**Poisons Schedule:** None allocated.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
Aliphatic polyisocyanate	-	30-60%	R43
Hexamethylene diisocyanate	822-06-0	<0.1%	R23 R36/37/38 R42/43
Dipropylene glycol dimethyl ether	111109-77-4	30-60%	-

## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

### Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

### Skin Contact:

If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

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**Eye Contact:**

If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**Ingestion:**

If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

**Medical attention and special treatment:**

Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Hazards from combustion products:**

Combustible liquid. On burning will emit toxic fumes, including those of oxides of carbon and oxides of nitrogen .

**Precautions for fire fighters and special protective equipment:**

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

**Suitable Extinguishing Media:**

Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures:**

If contamination of sewers or waterways has occurred advise local emergency services.

**Methods and materials for containment and clean up:**

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

## 7. HANDLING AND STORAGE

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

**Conditions for safe storage:**

Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

**Precautions for safe handling:**

Keep out of reach of children. Avoid skin and eye contact and breathing in vapour, mists and aerosols.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:** No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

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Isocyanates, all (as -NCO): 8hr TWA = 0.02 mg/m<sup>3</sup>, 15 min STEL = 0.07 mg/m<sup>3</sup>, Sen

As published by the National Occupational Health and Safety Commission.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight hour work day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

'Sen' Notice - sensitiser. The substance can cause a specific immune response in some people. An affected individual may subsequently react to exposure to minute levels of that substance.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

## Engineering controls:

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

## Personal Protective Equipment:

The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Orica Personal Protection Guide No. 1, 1998: B - OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls, safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Viscous liquid
Colour:	Clear
Odour:	Solvent
Solubility:	Dispersible in water.
Specific Gravity:	1.02
Relative Vapour Density (air=1):	>1
Flash Point (°C):	65
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N Av
% Volatile by Weight:	50
Boiling Point/Range (°C):	175
pH:	N Av

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Viscosity: N Av  
Evaporation Rate: N Av

## 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions of use.

**Conditions to avoid:** Avoid contact with foodstuffs. Avoid exposure to moisture. Avoid exposure to heat, sources of ignition, and open flame.

**Incompatible materials:** Incompatible with alcohols, amines and oxidising agents.

**Hazardous decomposition products:** Oxides of carbon. Oxides of nitrogen. Isocyanates.

**Hazardous reactions:** Reacts with moisture liberating carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

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

**Ingestion:** Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is showing signs of central system depression (like those of drunkenness) there is greater likelihood of the patient breathing in vomit and causing damage to the lungs.

**Eye contact:** May be an eye irritant.

**Skin contact:** Contact with skin may result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

**Inhalation:** Material may be irritant to the mucous membranes of the respiratory tract (airways). Breathing in vapour can result in headaches, dizziness, drowsiness, and possible nausea.

**Long Term Effects:**  
No information available for the product.

**Toxicological Data:** No LD50 data available for the product.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

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## Disposal methods:

For small quantities: Do not pour leftover paint down the drain. Unwanted paint should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Empty paint containers should be left open in a well ventilated area to dry out. When dry recycle the container via steel can recycling programs. Disposal of empty paint containers via domestic recycling programs may differ between local authorities. Check with your local council first. For large quantities: Refer to Waste Management Authority. Dispose of material through a licensed waste contractor.

## 14. TRANSPORT INFORMATION

### Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

### Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

### Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

**Classification:** This material is hazardous according to criteria of Safe Work Australia; HAZARDOUS SUBSTANCE.

**Hazard Category:** Xi: Irritant

**Risk Phrase(s):** R43: May cause sensitisation by skin contact.

**Safety Phrase(s):** S24: Avoid contact with skin.  
S37: Wear suitable gloves.

**Poisons Schedule:** None allocated.

## 16. OTHER INFORMATION

This safety data sheet has been prepared by SH&E Shared Services, Orica.

**Reason(s) for Issue:**  
First Issue Primary SDS

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This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Orica Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Orica representative or Orica Limited at the contact details on page 1.

Orica Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.