

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

**Product Name:** ENDURABOND 300ECO PART B

Synonyms:

**Uses:** Epoxy Hardener

**Suppliers Name:** Polymer Group Ltd  
62 Stonedon Drive, East Tamaki  
Manukau City, New Zealand  
0064 9 274-1400

**Emergency Number: Ph: 0800 999 001 Mon-Friday 8.00 am – 5.30 pm**

### 2. HAZARDS IDENTIFICATION

**Statement of Hazardous Nature:** Classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

**HSNO Classification:** 6.1D, 6.3A, 6.4A, 6.5A, 6.5B, 9.1B

**HSNO Approval Number:** HSR002503

**Hazard and Precautionary Statements:**

**Hazard:**

Harmful if swallowed  
Harmful if inhaled  
Causes skin irritation  
May cause an allergic skin reaction  
Causes serious eye irritation  
May cause allergy or asthma symptoms or breathing difficulties if inhaled  
Toxic to aquatic life with long lasting effects

**Prevention:**

Keep out of reach of children  
Read Safety Data Sheet before use  
Wash hands and face thoroughly after handling  
Do not eat, drink or smoke when using this product  
Wear protective gloves/clothing  
Wear eye/face protection  
Avoid breathing dust, fumes, gas, mist, vapours, spray  
Use only outdoors or in a well-ventilated area  
In case of inadequate ventilation wear respiratory protection  
Contaminated work clothing should not be allowed out of the workplace  
Avoid release to the environment

**Response:**

If medical advice is needed, have product container or label at hand.  
Collect spillage.

**If inhaled** – remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Centre or doctor/physician.  
If experiencing respiratory symptoms, call a Poison Centre or doctor/physician.  
Do NOT induce vomiting.  
See specific measures for first aid on this label.

**If on Skin** – Wash with plenty of soap and water.  
Call a Poison Centre or doctor/physician if you feel unwell.  
Wash contaminated clothing before reuse.  
Specific treatment (see first aid instruction on this label).  
If skin irritation or rash occurs, get medical advice/attention.  
Using a cleansing agent on skin.

**If swallowed** – Call a Poison Centre or doctor/physician if you feel unwell.  
Rinse Mouth  
Do NOT induce vomiting.

**If in eyes** – rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists, get medical advice/attention.

**In Case of Fire:**

Use carbon dioxide, dry powder, foam, sand or earth, water fog. Do NOT use water jet.

**Storage:**

Store in a cool dry place.

**Disposal:**

Recycle wherever possible.  
Bury residue in an authorised landfill.  
Recycle containers if possible. If not possible, dispose of in an authorised landfill.  
Containers may still present a chemical hazard/danger when empty.  
If container can not be cleaned sufficiently well to ensure that residuals do not remain or if the container cannot be used to store the same product, then puncture containers, to prevent re-use, and bury at an authorised landfill.  
Contact appropriate Waste Management Company for guidance and disposal options in your area.  
Where possible retain label warnings and MSDS and observe all notices pertaining to the product.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

	<b>Cas No:</b>	<b>%</b>
Reaction product: Bisphenol F (epichlorohydrin epoxy resin	028064-14-4	40-50
reaction product: Bisphenol A (Epichlorohydrin epoxy resin	025068-38-6	40-50
Butanediol diglycidyl ether,1,4-	2425-79-8	10-20

### 4. FIRST AID MEASURES

**EMERGENCY & FIRST AID PROCEDURES**

**Eye Contact:** Flush the eyes with copious quantities of water for up to 15 minutes. Seek medical attention.

**Skin Contact:** flush the contaminated skin with water. Use soap if available. If irritation persists seek medical attention.

**Inhalation:** Remove the affected person to fresh air. If breathing has stopped, apply artificial respiration. Obtain medical attention in severe cases.

**Ingestion:** Do NOT induce vomiting. Give 250 ml water or milk to drink. Do NOT give anything by mouth to an unconscious person. Seek medical attention immediately.

**Note to physician:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Carbon dioxide, dry powder, foam, sand or earth, water fog. Do NOT use water jet.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** Not applicable.

## 6. ACCIDENTAL RELEASE MEASURES

### SPILLS AND DISPOSAL

**Steps to be taken in case material is released or spilled:**

Small: Absorb with sand, earth or sawdust. Remove for disposal. Flush the contaminated area with plenty of water.

Large: Prevent liquid from spreading by the use of sand or earth barriers. Transfer the liquid to a salvage tank or drums if possible. Otherwise treat as for a small spillage.

**Waste Disposal Method:** Contaminated absorbent is to be burned or buried at an approved site.

## 7. HANDLING AND STORAGE

### SPECIAL PRECAUTIONS AND STORAGE DATA

**Special Sensitivity (Heat, Light, Moisture):** Store in a cool dry place.

### STORAGE AND TRANSPORT

**Storage Temperature (Min/Max):** Store in a cool dry place.

**Average Shelf Life:** 12 months

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### EXPOSURE STANDARDS

**Threshold Limit Value – Time Weighted Average (TLV-TWA):** Not established

**Threshold Limit Value – Short Term Exposure Limit (TLV-STEL):** Not established

**Threshold Limit Value – Ceiling (TLV-C):** Not established

## ENGINEERING CONTROLS

**Ventilation:** In case of inadequate ventilation wear respiratory protection

## PERSONAL PROTECTION

**Skin and eye protection:** Wear plastic gloves and goggles or face shield. Wear suitable overalls.

**Respiratory Protection:** Respirator with suitable cartridge or self-contained breathing apparatus recommended.

## FLAMMABILITY

**Flammability Limits:** Not flammable.

## 9. PHYSICAL/CHEMICAL PROPERTIES

<b>Appearance &amp; Odour:</b>	Amber liquid, mild odour
<b>Boiling Point:</b>	Not applicable
<b>Vapour Pressure:</b>	Not available
<b>Specific Gravity:</b>	1.15
<b>Flash Point:</b>	210°C
<b>% Volatile by Volume:</b>	Nil
<b>Flammability Limits:</b>	Not flammable
<b>Solubility in Water:</b>	Negligible

## 10. STABILITY AND REACTIVITY

### REACTIVITY DATA

**Stability:** Stable

**Polymerisation:** May occur. Contact with caustic at 200°C can induce vigorous polymerisation.

**Incompatibility (Materials to avoid):** Acids and bases.

**Hazardous decomposition products:** None indicated.

## 11. TOXICOLOGICAL INFORMATION

### HEALTH EFFECTS

#### ACUTE:

**Skin and Eyes:** This product has been shown to exhibit irritating properties and skin sensitisation on prolonged or repeated exposure. This product has been shown to be an eye irritant.

**Ingestion:** Not known.

**Inhaled:** At recommended usage temperature, this product does not constitute a hazard.

## **CHRONIC**

**Human Effects of Over Exposure:** None indicated.

## **12. ECOLOGICAL INFORMATION**

No data available.

## **13. DISPOSAL CONSIDERATIONS**

### **DISPOSAL STATEMENT**

Recycle wherever possible.

Bury residue in an authorised landfill.

Recycle containers if possible. If not possible, dispose of in an authorised landfill.

Containers may still present a chemical hazard/danger when empty.

If container can not be cleaned sufficiently well to ensure that residuals do not remain or if the container cannot be used to store the same product, then puncture containers, to prevent re-use, and bury at an authorised landfill.

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## **14. TRANSPORTATION INFORMATION**

U.N. No:	3082	Haz Chem Code:	3Z
Dangerous Goods Class:	9		
Proper Shipping Name:	Environmentally hazardous substance, liquid, nos		
Packaging Group:	III		
Toxic Substances Schedule:	Not applicable		

## **15. REGULATORY INFORMATION**

**HSNO Approval number:** HSR002503

**HSNO Classification:** 6.1D, 6.3A, 6.4A, 6.5A, 6.5B, 9.1B

## **16. OTHER INFORMATION**

This document was reviewed and revised on 2<sup>nd</sup> November 2022.

**Contact:** POLYMER GROUP LTD – PHONE 09 274 1400

**IMPORTANT NOTE:** Data quoted is typical for the product but does not constitute a specification and is based on the most accurate information available to PGL at the time of writing. All information contained herein is given in good faith but is subject to change without notice.