

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

**Product Name:** ENDURACOAT EHB Part A

**Synonyms:** Not applicable

**Uses:** As component A in a coating system.

**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  
Ph: 09 916 3026                                      24 hrs

### 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:** 3.1B, 6.5B

**HSNO Approval Number:** HSR002662

#### **Hazard and Precautionary Statements:**

##### **Hazard:**

Highly flammable liquid and vapour.  
May cause an allergic skin reaction.

##### **Prevention:**

Read Safety Data Sheet before use.  
Keep away from sparks/open flames. No smoking.  
Keep container tightly closed.  
Ground container and receiving equipment.  
Use explosion proof electrical/ventilating/lighting equipment.  
Use only non sparking tools.  
Take precautionary measures against static discharge.  
Wear protective gloves and eye/face protection.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Contaminated work clothing should not be allowed out of the workplace.

##### **Response:**

##### **If on Skin:**

Remove/take off immediately all contaminated clothing.

Wash with plenty of soap and water.  
If skin irritation or rash occurs, get medical advice/attention.  
Use a cleansing agent on skin.  
Wash contaminated clothing before reuse.

**In Case of Fire:**

Use dry chemical/foam/carbon dioxide or water fog for extinction.

**Storage:**

Store in a well ventilated place.  
Keep cool.

**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

<b>Ingredients:</b>	<b>Cas No:</b>	<b>%</b>
Colour Pigment	Mixture	20-30
Silica	14808-60-7	10-20
Epoxy Resin	25068-38-6	10-20
Xylene	1330-20-7	< 5
Toluene	108-88-3	< 5
Aromatic Solvent	64742-95-6	< 5

### 4. FIRST AID MEASURES

**EMERGENCY & FIRST AID PROCEDURES**

**Eye Contact:** Flush with water for 15 minutes.

**Skin Contact:** Wash with soap and water. Remove contaminated clothing and clean before re-use.

**Inhalation:** Remove to fresh air. Provide oxygen if breathing is difficult. Use artificial respiration if breathing is difficult.

**Ingestion:** If swallowed, DO NOT induce vomiting. Always seek medical attention.

**Note to physician:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Dry chemical, foam, carbon dioxide, water fog.

**Special Fire Fighting Procedures:** Evacuate hazard area of unprotected personnel. Wear self contained breathing unit and complete body protection. Cool surrounding containers with water in case of fire.

**Unusual Fire and Explosion Hazards:** Vapours are heavier than air and will accumulate. Vapours will form explosive concentrations with air. Vapours travel long distances and will flash back.

## 6. ACCIDENTAL RELEASE MEASURES

### SPILLS AND DISPOSAL

**Steps to be taken in case material is released or spilled:** Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Evacuate the area of unprotected personnel. Contain and soak up residual with an absorbent (clay or sand), take up absorbent material and seal tightly for proper disposal.

**Waste Disposal Method:** Take up absorbent material and seal tightly. 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 away from heat, sparks and open flames.

### STORAGE AND TRANSPORT

**Storage Temperature (Min/Max):** 5°C min. 35°C max.

**Average Shelf Life:** 12 months

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### EXPOSURE STANDARDS

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

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

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

## ENGINEERING CONTROLS

**Ventilation:** Use explosion proof ventilation as required.

## PERSONAL PROTECTION

**Skin and eye protection:** recommend impervious gloves, clothing and safety glasses with side shields or chemical goggles to avoid skin and eye contact.

**Respiratory Protection:** Use only with ventilation to keep levels below exposure guidelines. Use respirator with suitable cartridge or self contained breathing apparatus.

## FLAMMABILITY

**Flammability Limits:**      **LEL:** 0.9%                      **UEL:** 7.1%

## 9. PHYSICAL/CHEMICAL PROPERTIES

<b>Appearance &amp; Odour:</b>	Liquid, slight solvent smell
<b>Boiling Point:</b>	111 – 174°C
<b>Vapour Pressure:</b>	Not available
<b>Specific Gravity:</b>	1.39 gm/L <sup>1</sup>
<b>Flash Point:</b>	23°C
<b>% Volatile by Volume:</b>	17%
<b>Flammability Limits:</b>	<b>LEL:</b> 0.9% <b>UEL:</b> 7.1%
<b>Solubility in Water:</b>	Negligible

## 10. STABILITY AND REACTIVITY

### REACTIVITY DATA

**Stability:** This product is stable under normal storage conditions.

**Polymerisation:** Will not occur under normal conditions.

**Incompatibility (Materials to avoid):** Avoid contact with strong oxidising agents.

**Hazardous decomposition products:** Carbon monoxide, unidentified organic compounds.

## 11. TOXICOLOGICAL INFORMATION

### HEALTH EFFECTS

#### ACUTE:

**Skin and Eyes:** May cause eye and skin irritation. Contains a skin sensitizer. Avoid all eye and skin contact.

**Ingestion:** Not available.

**Inhaled:** Harmful if inhaled. May affect the brain or nervous system, causing dizziness, headache or nausea. May cause nose and throat irritation.

## **CHRONIC**

### **Human Effects of Over Exposure:**

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Contains SILICA which can cause cancer. Risk of cancer depends on duration and level of exposure. SILICA, MICA and Talc present limited potential of exposure due to the physical form of the mixture.

## **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: 1263                      Haz Chem Code: 3Y

Dangerous Goods Class: 3.1C

Proper Shipping Name: Paint

Packaging Group: III

Toxic Substances Schedule: Not applicable

## **15. REGULATORY INFORMATION**

**HSNO Classification: 3.1B, 6.5B**

**HSNO Approval Number: HSR002662**

## **16. OTHER INFORMATION**

This document was reviewed and revised on 14 September 2023

**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.