

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

Product Name: ENDURACOAT EHB PART B

Synonyms: Not applicable

Uses: As component B 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: 3.1C, 6.1E, 6.5A, 6.5B, 6.8B, 6.9B, 8.2C, 8.3A, 9.1D

HSNO Approval Number: HSR002663

Hazard and Precautionary Statements:

Hazard:

Flammable liquid and vapour
May be harmful if swallowed
May be harmful if inhaled
May be harmful if swallowed and enters airways.
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause allergic skin reaction.
Suspected of damaging fertility or the unborn child.
May cause damage to organs.
May cause damage to organs through prolonged or repeated exposure.
Causes severe skin burns and serious eye damage.
Toxic to aquatic life.

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Keep container tightly closed.
Ground/bond 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, eye and face protection.
Keep out of reach of children
Avoid breathing dust/fume/gas/mist/vapours/spray.
Contaminated work clothing should not be allowed out of the workplace.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling.
Avoid release to the environment.

Response:

If medical advice is needed, have product container or label at hand.
Call a Poison Centre or doctor/physician if you feel unwell.
DO NOT induce vomiting.
Wash contaminated clothing before reuse.
If exposed or concerned, get medical advice/attention.
Specific treatment for cleansing agent on this label.

If inhaled: Call a Poison Centre or doctor/physician if you feel unwell.
If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
If experiencing respiratory symptoms, call a Poison Centre or doctor/physician.

If on Skin (or hair): Remove/take off immediately all contaminated clothing. Wash skin with plenty of soap and water.
If skin irritation or rash occurs, get medical advice/attention.
Use a cleansing agent on skin.

If swallowed: Do NOT induce vomiting. Rinse mouth.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

In Case of Fire: Use dry chemical, foam, carbon dioxide for extinction.

Storage:

Store locked up 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

Ingredients:	Cas No:	%
Silica	14808-60-7	65%
Xylene	1330-20-7	10%
Barium sulphate	7727-43-7	5%
Cyclo aliphatic amine	Blend	5%
Aliphatic amine	Not established	5%
Iso propyl alcohol	67-63-0	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 not breathing. Get medical attention.

Ingestion: If swallowed DO NOT induce vomiting. Always get medical attention.

Note to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical, foam, carbon dioxide.

Special Fire Fighting Procedures: Evacuate hazard area of unprotected personnel. Use NIOSH approved 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): Min. 5°C, Max. 35°C

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:** 12.7%

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance & Odour: Liquid, slight ammoniacal smell

Boiling Point: 82°C – 174°C

Vapour Pressure: Not available

Specific Gravity: 1.65 gm/L¹
Flash Point: 22°C
% Volatile by Volume: 33%
Flammability Limits: **LEL:** 0.9% **UEL:** 12.7%
Solubility in Water: Negligible

10. STABILITY AND REACTIVITY

REACTIVITY DATA

Stability: This product is stable under normal conditions.

Polymerisation: Hazardous polymerisation will not occur under normal conditions.

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

Hazardous decomposition products: Carbon monoxide and unidentified organic compounds.

11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

ACUTE:

Skin and Eyes: May cause eye and skin burns. Contains a skin sensitiser. 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 occupation over exposure 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, talc present limited potential of exposure due to the physical form of the mixture.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal:

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14. TRANSPORTATION INFORMATION

U.N. No: 1263 Haz Chem Code: 3[Y]E

Dangerous Goods Class: 3

Proper Shipping Name: Paint

Packaging Group: III

Toxic Substances Schedule: S3

15. REGULATORY INFORMATION

HSNO Approval Number: HSR002663

HSNO classification: 3.1C, 6.1E, 6.5A, 6.5B, 6.8B, 6.9B, 8.2C, 8.3A, 9.1D

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.