



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

Product Name: ENDURACOAT EP SEALER Part B

Synonyms:

Uses: Sealer

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, 6.1E, 6.5A, 6.5B, 6.8B, 6.9B, 8.2C, 8.3A, 9.1D

HSNO Approval Number: HSR002658

Hazard and Precautionary Statements:

Hazard

Highly flammable liquid and vapour.
May be harmful if swallowed.
May be harmful in contact with skin.
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 an 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 eye damage.
Causes serious eye damage.
Toxic to aquatic life.

Prevention

Read Safety Data Sheet before use.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.



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.
In case of inadequate ventilation wear respiratory protection.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.

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.

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.
Immediately call a Poison Centre or doctor/physician.
If experiencing respiratory symptoms: Call a Poison Centre or doctor/physician.
If exposed or concerned: Get medical advice/attention.

If on Skin: (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
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.
Specific treatment for cleansing agent on this label.

If swallowed: 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.

In Case of Fire: Use carbon dioxide, dry chemical, foam, water fog.

Storage

Store in a well ventilated place.
Keep cool.
Store locked up.

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:	%
Isopropanol	67-63-0	20-40
Xylene	1330-20-7	10-30
Toluene	108-88-3	10-20
MIBK	108-10-1	10-20
N-Butanol	71-36-3	0-10
3,6-diazaoctanethylenediamin	112-24-3	0.1-1.0

4. FIRST AID MEASURES

EMERGENCY & FIRST AID PROCEDURES

Eye Contact: If material gets into eyes, flush with water immediately for 15 minutes. Consult a physician.

Skin Contact: In case of contact wash skin immediately with soap and water.

Inhalation: If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

Ingestion: If swallowed do not induce vomiting. See immediate medical attention.

Note to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide, dry chemical, foam, water fog.

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 exposure.

Unusual Fire and Explosion Hazards: This product contains less than 1% volatile components. The amount of vapours that could accumulate is minimal. However, vapours are heavier than air and could travel long distances, ignite and flash back. Eliminate all ignition sources. Keep away from sparks, open flames and heat sources. All electrical equipment and installations should be made and grounded in accordance with



the National Electrical Code. In areas where explosion hazards exist, workers should be required to use nonferrous tools and to wear conductive and non-sparking shoes.

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. Wear appropriate personal protection clothing and equipment. Follow exposure controls/personal protection guidelines. Contain and soak up residual with an absorbent (clay or sand). Take up absorbent material and seal tightly for proper disposal.

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS AND STORAGE DATA

Special Sensitivity (Heat, Light, Moisture): Keep away from heat, sparks, open flames and oxidising agents. Keep containers closed. Store in a cool dry place with adequate ventilation.

STORAGE AND TRANSPORT

Storage Temperature (Min/Max): Store in a cool dry place with adequate ventilation.

Average Shelf Life: 12 months

8. EXPOSURE CONTRAS/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: Store in a cool, dry place with adequate ventilation. Use explosion-proof ventilation when required to keep below health exposure guidelines and Lower Explosion Limit (LEL).

PERSONAL PROTECTION

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



contact. If material penetrates to skin, change gloves and clothing. The use of protective creams may be beneficial to certain individuals. Protective creams should be applied before exposure.

Respiratory Protection: Use only with ventilation to keep levels below exposure guidelines listed. User should test and monitor exposure levels to ensure all personnel are below guidelines. If not sure, or not able to monitor, use MSHA/NIOSH approved supplied air respirator. Follow all current OSHA requirements for respirator use.

FLAMMABILITY

Flammability Limits: **LEL:** 1.0% **UEL:** 12.7%

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance & Odour:	Viscous brown liquid with faint amine odour.	
Boiling Point:	65°C	
Vapour Pressure:	Not determined	
Specific Gravity:	1.02	
Flash Point:	8°C	
% Volatile by Volume:	Not determined	
Flammability Limits:	LEL: 1.0%	UEL: 12.7%
Solubility in Water:	Not soluble	

10. STABILITY AND REACTIVITY

REACTIVITY DATA

Stability: 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, nitrogen oxides and unidentified organic compounds. Consider all smoke and fumes from burning material as very hazardous. Welding, cutting or abrasive grinding can create smoke and fumes. Do not breathe any fumes or smoke from these operations.

11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

ACUTE: If sensitised to amines, epoxies, or other chemicals do not use. See a physician if a medical condition exists.

Skin and Eyes: May be harmful if absorbed through skin. Can cause skin burns and allergic reaction. May cause eye burns.

Ingestion: May be harmful if swallowed.



Inhaled: Harmful if inhaled. May affect the brain or nervous system, causing dizziness, headache or nausea. May cause nose and throat irritation. May cause lung irritation. May cause allergic respiratory reaction; effects may be permanent.

CHRONIC

Human Effects of Over Exposure: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal:

Recycle wherever possible.

Bury residue in an authorised landfill.

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

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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: II

Toxic Substances Schedule: Not applicable

15. REGULATORY INFORMATION

HSNO Approval Number: HSR002658

HSNO Classification: 3.1B, 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 19 December 2019.



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.