

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

Product Name: ENDURABOND CR RESIN

Synonyms:

Uses: Epoxy Flooring 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: 6.1D, 6.3A, 6.4A, 6.5A, 6.5B, 9.1B

HSNO Approval Code: 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:	Cas No:	%
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

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

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14. TRANSPORTATION INFORMATION

U.N. No:	3082	Haz Chem Code:	2X
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 **12 December 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.