SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE

Product Name: **ACE 121 Timber Preservative Part A**

Synonyms: Paint – Flammable Liquid

Uses: **After blending with appropriate Part B it is used as a protective coating.**

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, 6.3A, 6.4A, 6.5A, 6.5B, 6.9B, 9.1D

HSNO Approval Number: **HSR002662**

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.
Causes skin irritation.
Causes serious eye irritation
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause allergic skin reaction.
May cause damage to organs.
May cause damage to organs through prolonged or repeated exposure.
Toxic to aquatic life.

Prevention:
Read Safety Data Sheet before use.
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.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
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.
Avoid release into 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.
If swallowed: 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.

If inhaled: 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): Wash with plenty of soap and water.
Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
If skin irritation or rash occurs: get medical advice/attention.
Use a cleansing agent on skin.

In Case of Fire: Dry chemical powder, carbon dioxide, foam, water spray, sand or earth.
Do not use water jet. Product will float on water.

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:**	**%**
Polymers of Epoxy Resin & Bisphenol A	25036-25-3	30%
Isopropanol	67-63-0	25%
Xylene	1330-20-7	20%
Toluene	108-88-3	15%
MIBK	108-10-1	10%

4. FIRST AID MEASURES

EMERGENCY & FIRST AID PROCEDURES

When exposed, always get medical attention.

Eye Contact: Flush with water for 15 minutes. Get medical attention.

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

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 powder, carbon dioxide, foam, water spray, sand or earth. Do not use water jet. Product will float on water.

Special Fire Fighting Procedures: Use self contained breathing apparatus and protective clothing. Do not enter fire area without proper protection. Fight the fire from a safe distance/protected location. Use water fog/spray for cooling of fire exposed containers. Notify authorities if material enters storm water drains as a potential explosive hazard will exist. Evacuate surrounding area if necessary.

Unusual Fire and Explosion Hazards: Releases flammable vapours at normal ambient temperatures. When mixed with air and exposed to a source of ignition, vapours may burn or explode. Vapours are heavier than air, distant ignition is possible.

6. ACCIDENTAL RELEASE MEASURES

SPILLS AND DISPOSAL

Steps to be taken in case material is released or spilled:
For minor spills: extinguish naked flames and avoid sparks. Absorb with sand or other absorbent material. Shovel up and place in containers for subsequent disposal. Wash the contaminated area with soap and water.

For major spills: extinguish naked flames and avoid sparks. Evacuate surrounding personnel. Wear proper protective equipment. Prevent contamination of storm water systems. Dike area of spill and transfer to empty drums. Residue to be taken up by sand or other absorbent material and placed in drums.

Waste Disposal Method: Destroy by liquid incineration with off-gas scrubber, if possible. Contaminated absorbent to be deposited in a secure landfill in accordance with Local Government Regulations.

7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS AND STORAGE DATA

Special Sensitivity (Heat, Light, Moisture): Store in a cool, well ventilated place away from heat, naked flames and sparks. Store away from oxidising agents. Keep container closed at all times. Keep away from food, drink and clothing.

STORAGE AND TRANSPORT

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

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: Use only with ventilation to keep levels below exposure guidelines. Use OSH approved air purifying respirator when necessary.

PERSONAL PROTECTION

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

Respiratory Protection: Use OSH approved air purifying respirator when necessary.

FLAMMABILITY

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

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance & Odour:	Straw coloured liquid, sweet odour
Boiling Point:	Not available
Vapour Pressure:	Not available
Specific Gravity:	0.96 g/ml[1]
Flash Point:	1.1ºC
% Volatile by Volume:	55 w/w 63% v/v
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.

Incompatibility (Materials to avoid): Releases flammable vapours at normal ambient temperatures. When mixed with air and exposed to a source of ignition, vapours may burn or explode. Vapours are heavier than, distant ignition is possible.

Hazardous decomposition products: Oxides of Carbon.

11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

ACUTE:

Skin and Eyes: The liquid and vapour is moderately irritating to the eye. May cause skin irritation.

Ingestion: Slightly toxic if swallowed. The main hazard following ingestion is aspiration of swallowed liquid into the lungs causing chemical pneumonitis. Xylol solvent has acute oral LD50(rat)>2000 mg/kg

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.

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.
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.

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 Classification: **3.1B, 6.1E, 6.3A, 6.4A, 6.5A, 6.5B, 6.9B, 9.1D**

HSNO Approval Number: **HSR002662**

16. OTHER INFORMATION

This document was reviewed and revised on 15 February 2017.

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.