

## RT125 FLEXIBLE HIGH PERFORMANCE EPOXY ADHESIVE SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**Product name** RT125 Resin  
**Company** Polamco Limited  
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 Bath BA1 3NP  
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**Telephone** +44 (0)845 017 1545

### 2. COMPOSITION INFORMATION INGREDIENTS

#### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols / Risk phrases
Bisphenol A-(epichlorhydrin) (reaction product)	70 - 80%	25068-38-6	500-033-5	XI; R36/37/38 R43 N; R51/53
Kaolin (Kaolin, respirable dust)	20 - 30%	1332-58-7	310-194-1	
Carbon Black (Carbon black)	0.5 - 1%	1333-86-4	215-609-9	

### 3. HAZARDOUS IDENTIFICATION

**Main hazards** Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 4. FIRST AID MEASURES

**Skin contact** Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

**Eyes contact** Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Inhalation** Irritating to respiratory system. Inhalation may cause coughing, tightening of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

**Ingestion** Ingestion may cause nausea and vomiting. Seek medical attention of irritation or symptoms persist. DO NOT INDUCE VOMITING.

### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Carbon Oxides.

**Fire hazards** Burning produces irritating, toxic and obnoxious fumes.

**Protective equipment** Wear suitable respiratory equipment when necessary.

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## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** Ensure adequate ventilation of the working area. Wear suitable protective equipment.
- Environmental precautions** Do not allow product to enter drains. Prevent further spillage if safe.
- Clean up methods** Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 7. HANDLING AND STORAGE

- Handling** Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Storage** Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

- |                        |                                     |  |  |
|------------------------|-------------------------------------|--|--|
| <b>Exposure limits</b> | Kaolin<br>(Kaolin, respirable dust) | WEL 8-hr limit ppm: -<br>WEL 15 min limit ppm: - | WEL 8-hr limit mg/m <sup>3</sup> : 2<br>WEL 15 min limit mg/m <sup>3</sup> : -   |
|                        | Carbon Black<br>(Carbon black)      | WEL 8-hr limit ppm: -<br>WEL 15 min limit ppm: - | WEL 8-hr limit mg/m <sup>3</sup> : 3.5<br>WEL 15 min limit mg/m <sup>3</sup> : 7 |
- Engineering measures** Ensure adequate ventilation of the working area.
- Respiratory protection** Wear suitable respiratory equipment.
- Hand protection** Chemical resistant gloves (PVC).
- Eye protection** Approved safety goggles.
- Protective equipment** Wear chemical protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- |                         |                    |
|-------------------------|--------------------|
| <b>Description</b>      | Liquid.            |
| <b>Colour</b>           | Black.             |
| <b>Odour</b>            | Characteristic.    |
| <b>Boiling point</b>    | 150°C              |
| <b>Flash Point</b>      | 150°C              |
| <b>Relative density</b> | 1.35               |
| <b>Water solubility</b> | Insoluble in water |

## 10. STABILITY AND REACTIVITY

- Stability** Stable under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

## 12. ECOLOGICAL INFORMATION

- Ecotoxicity** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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## 13. DISPOSAL CONSIDERATIONS

**General Information** Dispose of in compliance with all local and national regulations

## 14. TRANSPORT INFORMATION

<b>ADR/RID</b>	<b>UN 3082</b>	<b>Packing group III</b>
	<b>Class 9</b>	<b>Hazard ID 90</b>
	<b>Proper Shipping Name</b> ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S, (bisphenol A).	
<b>IMDG</b>	<b>UN 3082</b>	<b>Packing group III</b>
	<b>Class 9</b>	<b>Marine Pollutant</b>
	<b>EmS Code</b> F-A S-F	
<b>IATA</b>	<b>UN 3082</b>	<b>Packing group III</b>
	<b>Class 9</b>	<b>Subsidiary risk -</b>
	<b>Packing Instruction 914</b> <b>(Cargo)</b>	<b>Maximum quantity 450 L</b>
	<b>Packing Instruction 914</b> <b>(Passenger)</b>	<b>Maximum quantity 450 L</b>

## 15. REGULATORY INFORMATION

**Labelling Symbols** The product is classified in accordance with 67/548/EEC.  
Xi - Irritant; N - Dangerous for the environment

**Risk phrases** R36/38 - Irritating to eyes and skin.  
R43 - May cause sensitisation by skin contact.  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases** S24 - Avoid contact with skin.  
S29 - Do not empty into drains.  
S37 - Wear suitable gloves.

## 16. OTHER INFORMATION

**Text of risk phrases in Section 2** R36/37/38 - Irritating to eyes, respiratory system and skin.  
R43 - May cause sensitisation by skin contact.  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Further Information** The information supplied in their safety sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our Knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to specific material designated and may not be valid for such material in combination with any other materials or in any other process.

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