

# SAFETY DATA SHEET

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## PPC182

Revision 7  
Revision date 3-Dec-2008

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

**Product name** PPC182  
**Company** PRO POWER  
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Leeds LS12 2QQ  
United Kingdom

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**Emergency telephone number** +44 (0) 7831 130 543

### 2 HAZARDS IDENTIFICATION.

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

### 3 . COMPOSITION / INFORMATION ON INGREDIENTS.

#### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
2,3 - Epoxy propyl ester of mixed trialkyl acetic acids	1-10%	26761-45-5		Xi;R43 N;R51/53
Bisphenol A-(epichlorhydrin) (reaction product)	0.5-1%	25068-38-6	500-033-5	Xi; R36/37/38 R43 N; R51/53
REACTION PRODUCT: BISPHENOL A - (EPICHLOROHYDRIN); EPOXY RESIN (NUMBER AVERAGE MOLECULAR WEIGHT <700)	10-20%	25068-38-6		Xi;R36 Xi;R38 Xi;R43 N;R51/53

### 4. FIRST AID MEASURES

**Skin contact** Wash with soap and water. Seek medical attention if irritation or symptoms persist.  
**Eye contact** Rinse immediately with plenty of water for 15 minutes holding the eyelids open.  
**Inhalation** Move the exposed person to fresh air. Seek medical attention.  
**Ingestion** Drink 1 to 2 glasses of water. DO NOT INDUCE VOMITING. Immediate medical attention is required. If unconscious place in the recovery position.

### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Water spray. Carbon dioxide (CO2) Alcohol resistant foam. Dry chemical.  
Do NOT use ... Water jet.  
**Fire hazards** obnoxious and toxic fumes may be formed in fire conditions.  
**Protective equipment** Wear: Self-contained breathing apparatus.

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**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions</b>	Wear suitable protective equipment. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery.
<b>Environmental</b>	Do not let product contaminate subsoil. Do not flush into surface water. Do not allow product to enter drains.
<b>Clean up methods</b>	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Avoid contact with eyes and skin. Do not eat, drink or smoke in areas where this product is used or stored. Wear suitable protective equipment. Use in a well ventilated area. Take precautionary measures against static discharges. Open container carefully. Appropriate local exhaust ventilation is required.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Do not store with food, drink and animal feed stuffs..

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Wear: Suitable respiratory equipment.
<b>Hand protection</b>	Chemical resistant gloves (plastic)
<b>Eye protection</b>	Approved safety goggles. Face shield.
<b>Protective equipment</b>	Wear protective clothing. Safety shoes.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Description</b>	Liquid.
<b>Colour</b>	Black.
<b>Odour</b>	Slight.
<b>Boiling point</b>	200°C
<b>Flash point</b>	245°C
<b>Relative density</b>	1.84

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Heat, sparks and open flames.
<b>Materials to avoid</b>	Strong acids and strong bases. Strong oxidising agents.
<b>Hazardous decomposition products</b>	Carbon oxides.

**11. TOXICOLOGICAL INFORMATION**

<b>Corrosivity</b>	Irritating to eyes and skin.
<b>Sensitization</b>	May cause sensitisation by skin contact.
<b>Repeated or prolonged exposure</b>	Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	May cause long-term adverse effects in the aquatic environment.
<b>Degradability</b>	Not readily biodegradable.

**13. DISPOSAL CONSIDERATIONS**

<b>General information</b>	Can be incinerated if in compliance with local and national regulations.
<b>Disposal of packaging</b>	Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

**14. TRANSPORT INFORMATION****ADR/RID**

<b>UN</b> 3082	<b>Packing group</b> III
<b>Class</b> 9	<b>Hazard ID</b> 90
<b>Proper Shipping Name</b> ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, (epoxy resin).	

**IMDG**

<b>UN</b> 3082	<b>Packing group</b> III
<b>Class</b> 9	<b>Marine pollutant</b> .
<b>EmS Code</b> F-A S-F	

**IATA**

<b>UN</b> 3082	<b>Packing group</b> III
<b>Class</b> 9	<b>Subsidiary risk</b> -
<b>Packing Instruction</b> 914 (Cargo)	<b>Maximum quantity</b> 450 L
<b>Packing Instruction</b> 914 (Passenger)	<b>Maximum quantity</b> 450 L

**15. REGULATORY INFORMATION**

**Symbols** Xi - Irritant



**Risk phrases** R36/38 - Irritating to eyes and skin.  
R43 - May cause sensitisation by skin contact.  
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases** S24 - Avoid contact with skin.  
S37 - Wear suitable gloves.

**16. OTHER INFORMATION**

**Text of risk phrases in Section 3.** R36 - Irritating to eyes.  
R36/37/38 - Irritating to eyes, respiratory system and skin.  
R38 - Irritating to skin.  
R43 - May cause sensitisation by skin contact.  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Revision** This document differs from the previous version in the following areas:  
9 - boiling point.  
9 - flash point.  
9 - relative density.  
11 - sensitization.  
12 - ecotoxicity.  
15 - symbols.  
16 - text of risk phrases in Section 2.