


CAT NO	CAT	UPDATE	REF NO
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	Technical Paints - Beta Series		Non Toxic Paint



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	VEHICLE REPAIR COMPOUNDS
	EPOXY ADHESIVES
	GENERAL CHEMICALS
	TECHNICAL PAINTS
	DECORATIVE PAINTS
	CONSTRUCTION CHEMICALS
	EPOXY FLOORING SYSTEMS



## PETROKEM EPOXY GLOSS PAINT

Petrokem Epoxy Gloss Paint is a high quality two component non-toxic epoxy paint developed to meet the increasing demand for high quality floor and wall painting systems. It is specially designed for house hold and industrial environments. The product is non-toxic when fully cured as is recommended as a decorative, water resistant coating for the protection and maintenance of bathroom floors/walls, concrete/cement floors, metal drinking water tanks, kitchen floors/walls, wooden/fiber glass boats, metal pipe lines and other house hold applications. The product is also recommended for swimming pools, ponds, concrete and cement water tanks as a decorative protective coating. The product will protect and decorate concrete, cement, fiberglass, all metal, wood and many more surfaces.

### Properties

	Resin	Hardener	Mixture
<b>Appearance</b>	Viscous Paste	Thin Liquid	Medium viscosity paint ready to spray/brush application
<b>Colour</b>	Available Colour Range	Amber	Available Colour Range
<b>Density</b>	1.3 - 1.6 Kg/Lt	0.80 - 0.90 Kg/L	1.05 - 1.25 Kg/L
<b>Composition</b>	Epoxy Resin Base	Polyamide Base	Two pack room temperature cured
<b>Viscosity (Ford Cup No4)</b>	Paste	12 - 14 secs	45 - 60 Secs
<b>Mixing Ratio</b>	1 parts of resin to 1 part of hardener by volume		
<b>Pot Life</b>			1 hour
<b>Drying Time</b>			Within 4 - 6 hrs at 30°C
<b>Curing Temperature</b>			Over 5°C
<b>Dry Film Thickness</b>			40 - 50 microns
<b>Over Coating</b>			After 8 hrs Before 03 days





## General Characteristics

### Petrokem Epoxy Gloss Paint

- Adheres to concrete/cement, fiberglass/ metal surfaces including steel, aluminum, zinc and copper.
- Recommended for concrete floors, cement plastered surfaces, swimming pools, ponds and water tanks.
- Non toxic when fully cured.
- Resistant to salty sea spray and certain chemical fumes.
- Recommended for coastal areas.
- Durable paint after proper curing.
- Can be used indoors and outdoors. (Sheen will be faded outdoors)
- Cures at room temperature or at elevated temperature.



## Directions

### Surface Preparation


- Surface to be painted should be clean, dry and free from all foreign matter for best performance.

#### Surface treatment for concrete/cement floor surfaces

- Dampen the surface with water and then the surface should be treated with diluted hydrochloric acid. (one part of 38%HCL should be diluted with 5 parts of water before use). Allow the acid to react with the floor for 15 minutes and then wash with plenty of water. Never allow the acid to dry on the surface. Allow the surface to dry completely.

### Application

- Mix thoroughly equal volumes of Petrokem Epoxy Gloss Paint Resin and Hardener. Five minutes of thorough mixing is recommended. If too thick for the application use petrokem epoxy thinner to thin the product. Use the mixture within one hour.
- Apply the mixture to the surface by using a suitable equipment. (Spray/Brush/Roller) A second coat could be applied after 08 hrs if required. Allow the paint to dry at-least for 24 hrs before use. Coating will gain it's full toughness in 72 hrs.

 <b>Other Information</b>	
<b>Coverage</b>	Approximately 9 – 10 m <sup>2</sup> per 1 litre pack
<b>Cleaner</b>	Use Petrokem Epoxy Thinner for cleaning of equipment etc.
<b>Packaging</b>	Available in 2X1 liter (2 litre pack) or supplied as per customers request for bulk orders.
<b>Shelf Life</b>	Minimum 12 month from date of manufacture when stored in cool, dry environment.



### **Health & Safety Precautions**

Petrokem Epoxy Gloss Paint Resin and hardener are chemicals and care should be taken when handling. For details please read Petrokem epoxy safety and handling information sheet. A copy of this manual will be supplied on request.

Ensure good ventilation.

Avoid eye / skin contact

Eye contact : rinse with running water for 10 minutes and seek medical advice.

Skin contact : wash with soap and water.

Keep container closed and out of reach of children.

Refer material safety data sheet.



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