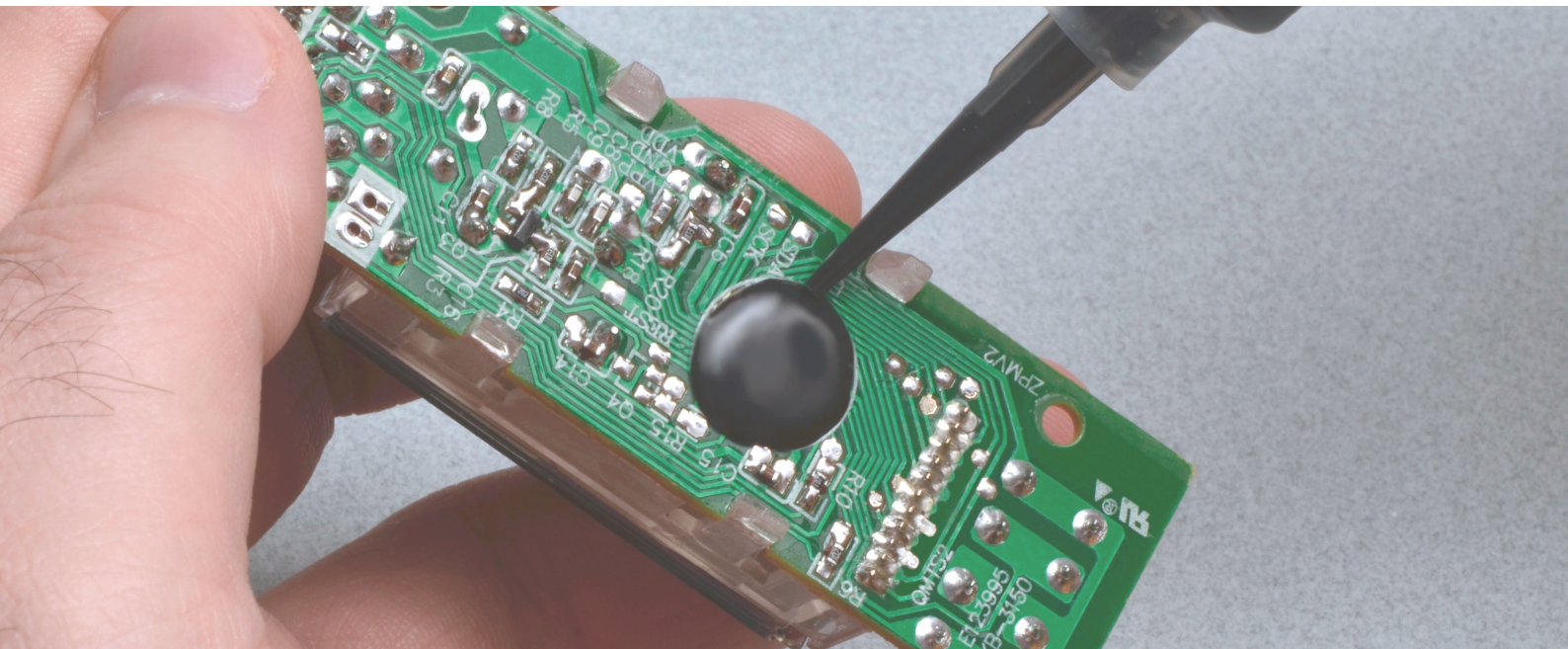



CAT NO	CAT	UPDATE	REF NO
5	CC	1/16/19	PBPESA



PETROKEM BP® EPOXY SEALER STANDARD & COLORS

Petrokem BP® Epoxy Sealer is an outstanding solvent free two part Epoxy resin based compound, specially formulated to seal electronic spare parts. The product could also be used to seal cracks in metal, concrete, ceramic etc. It provides extremely effective sealing properties and bonds to almost any surface including metal, concrete, ceramic, glass and wood. It cures to give high mechanical properties typical of epoxy compounds and is resistant to oils, greases, solvents, salts, mild acids and alkalis. It does not shrink on curing and service temperature range is from 0°C to 90°C.

 Properties		
	Resin	Hardener
Appearance	Thick Viscous Liquid	Less Viscous Liquid
Colour	Black	Colourless (Transparent)
Specific Gravity	1.6	0.96
Mixing Ratio	3 parts of resin to 1 part of hardener by volume	
Pot Life	Approximately 45 minutes	
Curing Time	Approximately 4 hours at 30°C	
Complete Curing Time	24 hours at 30°C	
Curing Temperature	Over 5°C	





General Characteristics

Petrokem BP[®] Epoxy Sealer/ Adhesive

- Permanently seals where sealing properties are required in any sound equipment or spare part.
- Permanently bonds to almost any sound surface including metal, glass, ceramic, marble, granite, concrete, grp etc & hence can be used as adhesive to bond above material.
- Once the equipment is sealed, Petrokem BP Epoxy Sealer acts as a waterproof airtight seal.
- High abrasive resistance.
- High chemical and solvent resistance.
- Flows under normal temperature conditions to self levelling finish.
- Can be used indoors and outdoors.
- Stable at high temperature conditions.



Directions

Surface Preparation

- The surface of the substrate has to be sound, dry and clean. The substrate should be free from loose materials, oils, greases, dust and other contaminants.

Application

- Petrokem BP[®] Epoxy Sealer is a two Component Epoxy system. Stir individual containers before use. Mix 3 parts of Resin component to 1 part of Hardener component by volume. Mix the components thoroughly for 3 minutes before use and apply by a spatula to the substrate immediately after mixing. Keep the amount of air entrapped to a minimum while stirring.

Application should be finished before 45 minutes.



Other Information

Coverage

0.6m² per kg. at 1 mm thickness

Cleaner

Use Acetone or Petrokem Epoxy Thinner for cleaning of equipment etc.

Packaging

Resin and Hardener components are supplied separately as per customer's request.

Shelf Life

Minimum 12 month from date of manufacture when stored in cool, dry environment.



Health & Safety Precautions

Petrokem BP® Epoxy Sealer/ Adhesive 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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