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## 121-22

### ROOM TEMPERATURE CURING ELECTRICALLY CONDUCTIVE EPOXY ADHESIVE

**DESCRIPTION:** 121-22 is an easy to use, 4-to-1 mix ratio by volume, two part, room temperature curing, silver-filled epoxy adhesive. System is designed to be used for making electrical and mechanical attachments on electrical components and devices. Unlike typical heat curing systems, this product always results in excellent conductivity and is less sensitive to handling and ambient conditions.

	<u>Part A</u>	<u>Part B</u>
Appearance:	Silver	Gray
Consistency:	Paste	Paste
Mix Ratio (by volume):	4	1
Mix Ratio (by weight):	100	20
Pot Life:	-----	45 minutes

**MIXING INSTRUCTIONS:** Premix Parts A and B in original container prior to combining. Add Part B to Part A and mix until uniform.

**CURING INSTRUCTIONS:** Best results are obtained when product is cured at one of the following schedules:

24 hr. @ 23°C **or**  
30 min. @ 66°C **or**  
15 min. @ 125°C

#### **TYPICAL CURED PROPERTIES:**

Volume Resistivity ( $\Omega$ -cm)	0.035
Thermal Conductivity (W/mK)	7.0
Lap Shear Strength (psi)	1,500
Solderable	No

**STORAGE:** Shelf life: 12 months at 25°C, in unopened, unmixed containers.

**SAFETY & HANDLING:** Use with adequate ventilation. Keep away from sparks and open flames. Avoid prolonged contact with skin and breathing of vapors. Wash with soap and water to remove from skin.