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**123-17**

**BLACK, EPOXY POTTING COMPOUND**

**DESCRIPTION:** 123-17 is a one component, black, thermally conductive, encapsulation material, potting compound and adhesive. Recommended applications include potting, encapsulating and back filling of electronic components.

**PROPERTIES:**

Color	Black
Viscosity (cps)	50,000
Dielectric Strength (volts/mil)	425
Volume Resistivity ( $\Omega$ -cm)	$1 \times 10^{15}$
Dielectric Constant (1 kHz)	4.3
Dielectric Factor (60 Hz)	0.016
Hardness (Shore D), min.	85

**HANDLING & CURING INSTRUCTIONS:** Material is ready to use as received. Prior to using mix well to resuspend filler. Store at low temperature to maintain consistent flow properties. Allow material to warm up to room temperature before opening container. Cure for 30 minutes at 150°C.

**NOTE:** DO NOT USE GREATER THAN A 1.0 GRAM MASS.

**STORAGE:** Shelf Life: 4 months at 0°C or colder.

**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.

*All technical information is based on data obtained by CMI personnel and is believed to be reliable. No warranty is either expressed or implied with respect to results or possible infringements on patents.*

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