



Creative Materials, Inc.
141 Middlesex Road
Tyngsboro, MA 01879

T 978.649.4700
F 978.649.2040

122-08

B-STAGED, ELECTRICALLY CONDUCTIVE, EPOXY ADHESIVE

DESCRIPTION: 122-08 is a B-Staged, electrically conductive, epoxy adhesive. This product is designed for bonding of lead frames to PC boards and capacitors to lead frames. Other applications include, but are not limited to assembling electrical and electronic components. This system features excellent thermal stability and flexibility in the B-Staged form.

PROPERTIES:

Filler	Silver
Percent Silver, cured	> 69
Glass Trans. Temp. (°C)	100
Volume Resistivity (ohm-cm)	0.0006
Solderable	No
Hydrolytic Stability	Excellent
Useful Temperature Range (°C)	-55 to +230
Thermal Stability (°C)	Good to 325
T-Shear Strength (psi)	2000

SUGGESTED HANDLING AND CURING: Material is ready to use as received. Store frozen to maintain consistent reflow properties. Allow material to warm up to room temperature before opening container.

STORAGE: Shelf Life - 1 month @ 25°C; or 6 months @ 0°C to +10°C

BONDING PROCEDURE: To use, carefully align parts to be bonded, apply uniform pressure to maintain location. Cure for 15 minutes at 200°C, 30 minutes at 175°C, or 1 hour at 150°C. (Note cure times given are mass related, timing should start after adhesive and substrates reach curing temperature.)

SAFETY AND 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.

REVISION DATE: 6/28/01 REVISION: C