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123-13

BLUE, SPRAYABLE, EPOXY CONFORMAL COATING

DESCRIPTION: 123-13 is a blue, one component, epoxy conformal coating. This product is designed specifically for low viscosity/spray coating applications. 123-13 can be used up to 0.125" thick; for thicker coatings, multiple coats may be necessary. 123-13 features excellent electrical insulation properties as well as long pot life at room temperature. 123-13 is a sprayable version of 123-10.

MIXING INSTRUCTIONS: Premix in original container prior to using to resuspend any fillers, which may have settled during storage. Further thinning and cleaning can be accomplished using CMI#113-39 thinner.

UNCURED PROPERTIES:

Viscosity (cps):	200 - 300
Color:	Blue
Shelf Life:	6 mos. @ -10°C 2 mos. @ 25°C

CURING INSTRUCTIONS:

Gel Time	12 min @ 150°C
Cure:	1 hr. @ 125°C
Post Cure:	2-4 hrs. @ 150°C

TYPICAL CURED PROPERTIES:

Specific Gravity	1.25
Coef. of Therm. Exp. (in/in/°C x 10 ⁻⁶)	27
Therm. Cond. (cal/sec/cm ² /°C/cm)	0.0025
Cure Shrinkage (%)	0.189
Heat Distortion Temp. (°C)	105
Tensile Strength (psi)	9600
Water Absorption (%)	< 0.22
Dielectric Strength (volts/mil)	450
Volume Resistivity (Ω-cm)	1 x 10 ¹⁵
Power Factor (60 HZ)	0.03
Dielectric Constant	4.3 @ 60 HZ

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: 4/18/03 REVISION: A