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124-17

PAD PRINTABLE RADIO OPAQUE INK

DESCRIPTION: 124-17 is a flexible, pad printable radio opaque ink/coating for application by pad printing, dipping and syringe dispensing. The product features excellent adhesion to Kapton, Mylar, glass and a variety of other substrates. Unlike conventional conductive materials, this product is very resistant to abrasion, scratching, and thermal aging. Some applications for 124-17 include, but are not limited to, manufacturing of medical devices and instruments.

TYPICAL PROPERTIES:

Viscosity (cps)	10,000-12,000
Percent Filler (cured)	> 80
Abrasion Resistance	Excellent
Hydrolytic Stability	Excellent
Useful Temperature Range (°C)	-55 to 200
Thermal Stability (°C)	Good to 325

SUGGESTED HANDLING & CURING: 124-17 is ready to use as supplied. Further thinning may be accomplished by adding small amounts of CMI Thinners #113-39 or for slower drying CMI Thinner #114-20. Prior to use, be certain to mix well to resuspend filler. **Best properties**, for most applications, result when cured for 30 minutes at 175°C. Excellent properties are also obtained on a variety of substrates by curing at temperatures ranging from 50°C to 175°C. End user is advised to experimentally determine temperature and time best suited for individual applications.

STORAGE: Shelf life: 3 months at 25°C; or 6 months at 5°C; or 12 months at -10°C.

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 suitability in a particular application or possible infringements on patents.

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