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## 128-45

### FLEXIBLE PHOSPHOR INK

**DESCRIPTION:** 128-45 is a screen-printable, flexible electroluminescent ink, coating, and via fill. This product features excellent adhesion to Kapton, Mylar, ITO, glass and a variety of other surfaces. Unlike conventional materials, this product is highly resistant to flexing and creasing. 128-45 is a scratch resistant and solvent resistant version of EXP 2634-09LPW.

#### TYPICAL CURED PROPERTIES:

Consistency	Smooth Paste
Peak Emission	550 nm
Relative Intensity	140%
Hydrolytic Stability	Excellent
Useful Temperature Range (°C)	-55 to +200
Thermal Stability (°C)	Good to 325

**SUGGESTED HANDLING & CURING:** 128-45 is ready to use as supplied. Further thinning may be accomplished by adding small amounts of CMI 113-12 thinner. Prior to using, be certain to resuspend filler. Best properties, for most applications, result when cured for 10 minutes at 125°C. Good properties are obtained on a variety of substrates by dry and curing at temperatures ranging from 110°C to 200°C. End user is advised to experimentally determine temperature and time best suited for individual applications.

**STORAGE:** Shelf Life: 2 months at 25°C or 12 months at - 10°C.

**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 suitability in a particular application or possible infringements on patents.

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