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120-38

FLORESCENT MARKING INK

DESCRIPTION: 120-38 is a clear, fast drying, marking ink that fluoresces when exposed to an ultra-violet light. This product features excellent adhesion to Kapton, Mylar, glass, and metals, as well as a variety of other substrates. This product is very resistant to flexing and creasing. 120-38 can be applied by stamping, spraying or syringe dispensing.

TYPICAL CURED PROPERTIES:

| | |
|-------------------------------|--------------------|
| Consistency | Liquid |
| Crease Resistance | Excellent |
| Volume Resistance (ohm-cm) | 1×10^{12} |
| Hydrolytic Stability | Excellent |
| Useful Temperature Range (°C) | -55 to 140 |
| Thermal Stability (°C) | Good to 200 |
| Glass Transition Temp. (°C) | 67 |

SUGGESTED HANDLING & CURING: 120-38 is ready to use as supplied. Further thinning may be accomplished by adding small amounts of MEK. If faster drying times are required. Best properties, for most applications, result when allowed to dry at room temperature followed by curing for 5-10 minutes at 150°C. Good properties are obtained on a variety of substrates by curing at temperatures ranging from 50°C to 180°C. End user is advised to experimentally determine temperature and time best suited for individual applications.

STORAGE: Shelf life: 6 months at 25°C; or 9 months at 5°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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