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120-31

UV CURABLE ANTISTATIC INK

DESCRIPTION: 120-31 is an electrically conductive ink and coating suitable for screen-printing. This product features excellent adhesion to Print Treated Polyethylene, Print Treated Polypropylene and a variety of other substrates. Unlike conventional conductive materials, this product is curable using ultra violet radiation. Some uses for 120-31 include, but are not limited to, electrostatic disipation and anti-static applications.

TYPICAL CURED PROPERTIES:

Viscosity (cps)	5,000
Filler	Carbon
Crease Resistance	Excellent
Volume Resistance (ohm-cm)	5,000
Sheet Resistivity (ohm/sq./mil)	2 million
Solderable	No
Hydrolytic Stability	Excellent

SUGGESTED HANDLING & CURING: 120-31 is ready to use as supplied. Store at room temperature in an opaque container to maintain consistent flow properties. Cure using one or two 300 watt/inch mercury vapor lamps. Speed of cure will vary depending upon available energy. Typical cure time ranges from several seconds to several minutes when work is positioned 2 to 6 inches from lamp. Faster curing can be accomplished by moving lamp closer to work. Always apply material in very thin layers to insure complete curing.

STORAGE: Shelf life: 6 months at 25°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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