



PRODUCT DATA SHEET
UV CURABLE SATIN
COATING
MIRACURE L9037E

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Updated 070104

PRODUCT DESCRIPTION

MIRACURE® L9037E has been formulated as a UV curable satin coating, intended for application by high-speed roller and blanket coaters. This coating exhibits consistent gloss and excellent adhesion to UV inks for in-line and/or conventional inks for off-line applications.

PRODUCT FEATURES

- Fast Curing
- Mid Range Viscosity
- Clarity of Cured Film

TYPICAL PHYSICALS

Viscosity @ 77°F LVF#2 @ 60 RPM	150-200 cps
Zahn #3 in seconds @ 77°F	18-23
Weight per Gallon in Lbs. @ 77°F	9.1
Percent Reactive	100%
Antifoam @ 0.25 oz./gl. max	A6191X1
Wetting Agent @ 1.0 oz./gl. Max.	A6147D
Cure Optimization	126mJ ~95 fpm/300 watt/inch lamp

END-USE CONSIDERATIONS

Equipment should be cleaned before and after use with MEK, MIBK, Toluol or chlorinated solvents.

UV coatings are sensitive to contamination and should be shielded from exposure to UV sources (e.g., sunlight, fluorescent lamps, etc.). Contact with copper alloys must be avoided.

UV coatings have the potential to fade inks. The coating must be tested and matched to the inks and substrates. Inks should be free of waxes, silicones and other anti-scuff additives. Such surface-active agents impair adhesion and can contribute to imperfect wetting of the ink by the coating.

Wetting over difficult-to-coat surfaces can sometimes be improved by addition of a Sovereign wetting aid. Call your Sovereign representative for a recommended wetting agent. Should excessive foaming occur, an anti-foam may be added to reduce the phenomena.

WASH UP

Wash skin with warm water and liquid detergent.

STORAGE & HANDLING

METAL REACTIVE. Avoid storage periods exceeding 3 months. Refer to Material Safety data sheet for further information

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