



PRODUCT DATA SHEET

UV COATING
GLOW-IN-THE-DARK
UVS100V

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Updated 070104

PRODUCT DESCRIPTION

UVS100V is a specifically formulated UV curable green glow-in-dark coating, which provides a coating possesses glow-in-dark property. UVS100V can be applied via cylinder silk-screen and rotary screen press (please refer to technical bulletin "Preparation and Application techniques for details.)

PRODUCT FEATURES

- Fast Curing
- Clarity of Cured Film
- Glow-in-Dark Property

TYPICAL PHYSICALS

Viscosity @ 25°C LVF#3 @ 12 RPM	2000 - 3000 cps
Weight per Gallon in Lbs. @77°F	10.5
Percent Reactive	100%
Cure Optimization	150mJ 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 Specialty Chemicals wetting aid. Call your Sovereign Specialty Chemicals representative for a recommended wetting agent. Should excessive foaming occur, 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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