



## PRISCO® E-Cure LED-811 Energy-Curable Gloss Coating

### Product Description:

The Prisco E-Cure LED-811 is an **imprintable** gloss LED energy-curable coating for inline application over LED inks and a variety of substrates. It is designed to produce an even and fast curing film formation with a superior gloss finish. This allows for quick turnaround times and an even defect-free surface. This product is designed to have excellent flexibility, adhesion properties, gloss depth, and clarity. The E-Cure LED-811 has been field tested and approved on most OEM and Retro converted LED Systems. It has good cure response at 385nm, 15-20 Watt systems, with minimal to no surface tack or yellowing. Results may vary depending on gap distance of array to substrate and irradiance. This product is designed to be imprintable and foil stampable.

### Advantages:

- Superior gloss levels and excellent flexibility
- Imprintable and Foil Stampable, Glues should be tested
- Good cure response, Good rub and taber resistance
- Low odor, low VOC, non-yellowing

### Physical Properties:

- Viscosity (cps) \_\_\_\_\_ 225-300 cps, Brookfield LV Viscometer @ 25°C/77°F
- Viscosity (seconds) \_\_\_\_\_ 30-38 seconds #3 Zahn Cup @ 25°C/77°F
- Gloss \_\_\_\_\_ >85
- Wt./gal \_\_\_\_\_ 9.3 lbs/gal
- Cure \_\_\_\_\_ 100 fpm, 385nm (tested in controlled lab conditions w/ UVEXS Cure Unit)
- MEK Rubs \_\_\_\_\_ 15-25 Double Rub

### Application (Sheetfed and Flexo)

- Application Viscosity - Stir well. Keep covered and reduce light exposure when using.
- Equipment - Blanket and tower coaters, anilox coaters
- Curing - Sufficient amount of focused LED energy depending on press, press speed, and energy capability.
- Inks - LED Ink, primed or oxidized conventional sheetfed inks.
- Clean Up - Prisco UV Cleaner
- Shelf Life - 6 months stored at room temperature. Keep away from heat >100°F and minimize the products exposure to light.

### Product Code:

### READ SDS BEFORE USING THIS PRODUCT

RI77-55A (55 gallon drum), RI77-30A (30 gallon drum), RI77-5GB (5 gallon pail), RI77-ACT (275 gallon Tote)

*Prisco recommends that you test coatings for specialty applications using the actual raw materials to be used in production prior to printing.*



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