



## PRISCO® E-Cure H-UV-870 Satin H-UV Coating

### Product Description:

The Prisco E-Cure H-UV-870 is a satin H-UV coating for inline application over H-UV inks and a variety of substrates. It is designed to produce an even and fast curing film formation with a superior satin finish. This allows for quick turnaround times and an even defect-free surface. This product is designed to have excellent flexibility and adhesion properties. The E-Cure H-UV-870 has been field tested and approved on the H-UV Komori press. It has good cure response with minimal to no surface tack. Results may vary depending H-UV system.

### Advantages:

- Superior Satin Finish, excellent flexibility and scratch resistance
- Good cure response, Excellent rub and Taber resistance
- Low odor, low VOC, non-yellowing

### Physical Properties:

- Viscosity (cps) \_\_\_\_\_ 300-400 cps, Brookfield LV Viscometer @ 25°C/77°F
- Viscosity (seconds) \_\_\_\_\_ 38-48 seconds #3 Zahn Cup @ 25°C/77°F
- Gloss \_\_\_\_\_ 30-45
- Wt./gal \_\_\_\_\_ 9.3 lbs/gal
- Cure \_\_\_\_\_ H-UV "D" Bulb, High @ 100 fpm (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 H-UV energy depending on press, press speed, and energy capability.
- Inks – H-UV 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

RI81-55A (55 gallon drum), RI81-30A (30 gallon drum), RI81-5GB (5 gallon pail), RI81-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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