



## E-Cure H-UV-851 Gloss Imprintable Ultraviolet Coating

### UV Coating Technical Data Sheet

The Prisco E-Cure H-UV-851 is a high gloss UV coating for inline application over H-UV of 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 H-UV-851 has been field tested and approved on the H-UV Komori press used at Printing Industries of America.

#### Advantages:

- Superior gloss levels
- Imprintable
- Excellent Flexibility and Scratch Resistance
- Low Odor
- Good Cure Response
- Good Rub and Taber Resistance
- Non-Yellowing
- Low VOC
- H-UV

#### Physical Properties:

Viscosity	300-375 cps, Brookfield LV Viscometer @ 25°C/77°F
Gloss	>85
Wt./gal	9.3 lbs/gal
Cure	100 fpm, 200 wpi American UV Mini Conveyor*
	*Note-tested in controlled lab conditions
MEK Rubs	15-20 Double Rubs

#### Application:

Sheetfed  
Flexo

- **Application Viscosity**-Stir and use as received.
  - Recommended Application Temperature 70-80°F
- **Equipment**-Blanket and tower coaters, anilox coaters
- **Curing**-Sufficient amount of focused UV energy depending on press, press speed, and dryer capability
- **Inks**-H-UV Inks, primed or oxidized conventional sheetfed inks
- **Clean up**-Prisco UV Cleaner
- **Shelf Life**-6 months stored at room temperature.

**Product Code:** RI16-55A (55 gallon drum), RI16-30A (30 gallon drum), RI16-5GB (5 gallon pail)

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

Read MSDS before using this product

an ISO 9001:2008 Registered Facility



## Product Bulletin



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