



## E-Cure 712 Gloss Flexo UV Coating

Ultraviolet Coating Technical Data Sheet

## Product Bulletin



The Prisco E-Cure 712 Gloss Flexo UV Coating is designed for application on a variety of substrates including non absorbent and synthetic. The product is designed for in line application with Flexo Presses and Flexo type coaters. It is selected for its combined features of excellent UV gloss, non-yellowing film, excellent flexibility, and fast cure response. This allows for quick turnaround times and an even defect-free surface. This product is designed to have excellent adhesion properties, flow and wetting characteristics, gloss depth and clarity. The E-Cure 712 is formulated without Benzophenone photoinitiator and produced using dedicated equipment.

### Advantages:

- Excellent Gloss and flexibility
- Pass Tape Release
- Non Yellowing
- Fast Cure response
- Low VOC
- Formulated without Benzophenone

### Physical Properties:

Viscosity	18-20 seconds, #3 EZ Zahn timed @ 25°C/77°F 110-130 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:

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**-UV/Co-Cure, primed or oxidized conventional ink
- **Clean up**-Prisco UV Cleaner
- **Shelf Life**-6 months stored at room temperature

**Product Code:** RH41-55A (55 gallon drum), RH41-30A (30 gallon drum), RH41-5GF (5 gallon pail), RH41-1GQ (1 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

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