



PRISCO® E-Cure 169 Gloss UV Coating

Product Description:

The Prisco E-Cure 169 is a high gloss UV coating for inline or offline application over a variety of inks and substrates including synthetics. It is designed to produce an even and fast curing film formation with a superior gloss finish. This product is designed to have excellent flexibility, adhesion, and non yellowing film clarity for clear plastics. The E-Cure 169 has an imprintable film that is suitable for foil stamping and write-ability with marker, including dry erase, or pens.

Advantages:

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

Physical Properties:

- Viscosity (seconds) ----- 14-16 seconds, #3 EZ Zahn times @ 25°C/77°F
- Viscosity (cps)----- 70-90 cps, Brookfield LV viscometer @ 25°C/77°F
- Gloss----- >90
- Wt./gal ----- 9.3 lbs/gal
- Cure----- 75-100 fpm, 200 wpi American UV Mini Conveyor (controlled lab testing)
- MEK Rubs ----- 15-20 double rubs
- Taber Abrasion ----- CS17 wheels, 250 gram weight, 10-15 cycles
- Sutherland Rub Test ----- 100 cycles/200 rubs w/4 lb weight

Application (Sheetfed and Flexo)

- Application Viscosity - stir and use as received (application temperature = 70-80°F)
- Equipment - Blanket and tower coaters, anilox coaters
- Curing - Sufficient amount of focused UV energy depending on press, speed, and dryer
- Inks - UV/Co-cure, primed or oxidized conventional sheetfed
- Clean Up - Prisco UV Cleaner
- Shelf Life - 6 months stored at room temperature

Product Code:

READ SDS BEFORE USING THIS PRODUCT

RI149-55A (55-gallon drum), RI149-30A (30-gallon drum), RI149-5GF (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.

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an ISO 9001:2008 Registered Facility



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