



LOW MIGRATION LED HIGH GLOSS COATING

DESCRIPTION:

NOVACURE-7797 is a LED low migration high gloss coating formulated for low energy UV curing with high reactive lamp systems to display excellent surface cure. It is formulated for the 395 nm LED. It can be used in roller, blanket, narrow web, and flexo applications with excellent adhesion to paper, board, films, and other substrates. It has high gloss with abrasion, crease and mar resistance while still being fast curing and flexible.

INK HANDLING:

MIX WELL BEFORE USE. Direct skin contact to UV coatings is the primary route of exposure and irritation. Therefore, it is recommended that all personnel handling UV products wear gloves and barrier cream to prevent direct skin contact. Safety glasses are suggested in areas where coating may be splashed. If coating does come in contact with skin, wipe it off with a clean, dry cloth (do not use solvent or reducer). Wash the affected area with soap and water. Consult the Safety Data Sheets for further instructions and warnings.

STORAGE:

Store tightly covered at temperatures between 65-90°F. Coating taken from the press should not be returned to the original container. Store separately to avoid contamination.

FEATURES:

- High gloss
- Fast cure
- Flexibility
- Paper, board, and film
- Excellent adhesion
- No ozone

APPLICATIONS:

- Roller
- Blanket
- Narrow Web
- Flexo
- Anilox
- In-Line

TECHNICAL SPECIFICATIONS:

Flash Point (*F TCC)	> 200
Specific Gravity	0.98
Color	Colorless
Solids	100%
Gluing, Stamping	Test First due to variety of glues and foils
Viscosity	120-140 CPS @ 60 RPM and 77°F/23°C
Cure Speed	250 FPM with 395 nm LED
Slide Angle (Deg)	N/A
Shelf Life	12 months

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VERIFICATION OF SUITABILITY: SDS'S ARE AVAILABLE ONLINE AT NOVAPRESSROOM.COM OR CALL 904-292-2554 x22.

After press/job set-up is complete, inspect a portion of the printed web for all applicable and specified properties. These properties include but are not limited to: cure, adhesion, mar and rub resistance, product resistance, gloss, and coefficient of friction. These tests should be performed prior to beginning the full production run.

*Performance specifications will vary depending on substrate, ink used, lamps, and coating film weight.

Disclaimer: Unless otherwise restricted by applicable law, nothing contained in this literature shall be deemed a representation or warranty of any kind, either expressed or implied. See the Safety Data Sheets (SDS) for this product for safety information prior to use.

SIZES AVAIL: 5 gal, 55 gal, or 275 gal

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