



TECHNICAL DATA SHEET

UV SOFT TOUCH COATING

UGS-9746

PRODUCT DESCRIPTION

UGS-9746 is a 100% reactive UV soft touch coating with a smooth, velvet feel. It can be used in roller, blanket, narrow web, and flexo applications. It adheres to paper, board, films, and foils. Two-part smooth shelf stable system. It will not streak or bind up equipment, and it also has enhanced textile feel for end product.

INSTRUCTIONS

This product will come in two measured parts. Add reducer to product and follow mixing/usage instructions. Mix products together vigorously on high speed until fully incorporated. Mix well before each use. Viscosity will reduce drastically and hold stable for several hours. Repeat mixing upon next use either by vigorously shaking container prior to opening or with mixer. If pumping directly from drum, continuous mixing is required. Keep this product at a minimum temperature of 77°F. This product has a false body between manufacturing and uses.

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 Sheet 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

- 2 part system
- Velvet feel
- Smooth finish
- No mar
- Shelf stable
- Benzophenone-Free

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

- **Flash Point (°F TCC)** > 200
- **Specific Gravity:** 1.08
- **Color:** Colorless
- **Solids:** 100%
- **Gluing, Stamping:** Test first due to variety of glues and foils 300 – 350 CPS @ 60 RPM and 77°F/23°C
*Refer to highlighted section in Ink Handling
- **Cure Speed:** Equipment dependent. Test slower than typical
- **Shelf Life:** 3 months

VERIFICATION OF SUITABILITY

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 Sheet (SDS) for this product for safety information prior to use.

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