

DESCRIPTION

This UV coating is formulated for paper and board substrates for both packaging and commercial use. It is formulated without benzophenone to reduce cured film residual odors for aroma sensitive applications.

FEATURES / BENEFITS

- Reduced Odor Properties
- Benzophenone Free
- Good Block Resistance
- Good Rub Resistance

APPLICATION

- **Substrates** May be used on coated paper and treated mono- or multi-layer pressure sensitive or heat sealable packaging substrates.
- **Ink Compatibility** Designed for use over water based, conventional litho or UV inks (flexo, letter press, rotary screen). Inks should be dry prior to coating application.
- **Coating Thickness** Best results expected within the range of about 0.10 to 0.15 mil
- **Application Method** Flexo with doctor blade
- **Anilox Range** About 400 lpi, 5 bcm to 200 lpi, 10 bcm
- **Max. Cure Speed¹** 200 ft/min with one 300 watt/inch lamp
- **Min. Cure Energy** 78 mJ/cm² (model ILT 490 radiometer)

TYPICAL PROPERTIES (NOT A SPECIFICATION)

- **Density** - 8.9 ± 0.2 Lbs./gal.
- **Viscosity (Brookfield)** - 200 ± 20 cPs; #2 Spindle; 60 rpm @ 77°F
- **Coverage** - 131 MSI/Lb @ 0.2 mil
- **COF Range (Static)** - 0.4030 – 0.4928
- **Gloss²(60 degree)** - 84 ± 3

CLEANUP

- Isopropyl Alcohol (IPA) is recommended.
- See SDS for additional information.

STORAGE / HANDLING

- Store in a dry area, below 90°F
- Wear Protective Glove / Safety Glasses
- Mix Well Before Use.
- Use in a well ventilated area.
- Avoid contact with skin; See SDS for additional information.

Notes

1. Speed will depend on the lamp design and condition of the bulb and reflector.
2. Gloss depends on coating thickness, applications conditions, inks, and substrates.

TERMS AND CONDITIONS

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EFFECTIVE DATE

April 16, 2021