

**DESCRIPTION**

This is a very versatile UV topcoat that offers smooth gloss finish, high scuff resistance, and fast cure. It is formulated for paper and board substrates for both packaging and commercial use.

**FEATURES / BENEFITS**

- Gloss Finish
- Excellent Run Stability
- TMPTA Free<sup>3</sup>
- Benzophenone Free
- Fast Cure
- High Scuff Resistance
- Optical Brightener

**APPLICATION**

- **Substrates** May be used on most paper and film based label substrates
- **Ink Compatibility** Designed for use over water based 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 0.15 to 0.30 mil
- **Application Method** Flexo with doctor blade
- **Anilox Range** About 400 lpi, 5 bcm to 200 lpi, 10 bcm
- **Max. Cure Speed<sup>1</sup>** 300 ft/min with one 300 watt/inch lamp
- **Min. Cure Energy** 31 mJ/cm<sup>2</sup> (model ILT 490 radiometer)

**TYPICAL PROPERTIES (NOT A SPECIFICATION)**

- **Density** - 9.5 ± 0.2 Lbs./gal.
- **Viscosity (Brookfield)** - 281- 350 cPs @ 77°F (25°C)
- **Coverage** - 128 MSI/Lb @ 0.2 mil
- **Gloss<sup>2</sup>(60 degree)** - 92 ± 2
- **Static C.O.F.<sup>2</sup>** - 0.30 ± 0.15 Face to Face
- **Kinetic C.O.F.<sup>2</sup>** - 0.15 ± 0.10 Face to Face

**CLEANUP**

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

**STORAGE / HANDLING**

- Store in a dry area, below 90°F
- Wear Protective Gloves / Safety Glasses
- Light Sensitive, protect for light
- 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. Depends on coating thickness, applications conditions, inks, and substrates.
3. TMPTA is not intentionally added to this formulation, and per raw material supplier information is not a component of their products.

**TERMS AND CONDITIONS**

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**EFFECTIVE DATE**

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