

DESCRIPTION

This is a stampable gloss UV coating which exhibits non-skid properties and can be foil stamped, imprinted, or written on with pen or marker. This coating is formulated for use for 1-sided work on paper and board substrates for commercial use.

FEATURES / BENEFITS

- Foil Stampable²
- Low VOC
- Fast Cure
- Excellent Clarity
- Excellent Block Resistance
- Excellent Rub Resistance
- No Spray Powder Required
- Benzophenone Free
- TMPTA Free¹

APPLICATION

This coating is formulated to dry trap over UV litho inks or primed conventional inks, using a tower coater, a chamber bladed coater or a blanket coater on a sheetfed press.



Do not contaminate with water based products. This use of dedicated UV lines / pumping system is highly recommended. Mix well before use.

²May not work with all foils, test the specific foil prior to live production runs.

TYPICAL PROPERTIES (NOT A SPECIFICATION)

- Density - 9.4 ± 0.2 Lbs./gal.
- Viscosity (Brookfield) - 230 ± 20 cPs; #41 Spindle; 60 RPM @ 77°F
- VOC by Weight - 0.1%

TYPICAL PROPERTIES (NOT A SPECIFICATION)

- Average Gloss (60 degree) - 91 ± 4*
- Sutherland Rub Test - No Scuffing*
500 Cycles (Coating to Coating)
4# weight
- Block Resistance - Complete Release
(Coating to Coating)
2 PSI / 24 HRS @ 120°F

* Results may vary depending on substrate, inks, and application method.

CLEANUP

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

STORAGE / HANDLING

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

Notes

1. TMPTA is not intentionally added to this formulation, and per raw material supplier information is not a component of their products.

TERMS AND CONDITIONS

The information contained herein is believed to be reliable, but no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications or the results to be obtained therefrom. The information is based on laboratory work with small-scale equipment and does not necessarily indicate end product performance. Because of the variations in methods, conditions and equipment used commercially in processing these materials, no warranties or guarantees are made as to the suitability of the products for the applications disclosed. Full scale testing and end product performances are the responsibility of the user. ICP Industrial shall not be liable for and the customer assumes all risk and liability of any use or handling of any material beyond ICP Industrial's direct control. THE SELLER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein is to be considered permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner. Not to be used with alkali sensitive inks.

EFFECTIVE DATE

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