

DESCRIPTION

This is a versatile UV gloss coating which offers smooth lay properties, clarity, excellent cure, and enhanced rub resistance. This coating is formulated for paper and board substrates for both packaging and commercial use.

FEATURES / BENEFITS

- High Gloss
- Economical
- In-Line & Off-Line Use
- Excellent Clarity
- Fast Cure**
- Excellent Block Resistance
- Enhanced Rub Resistance

APPLICATION

This coating is formulated to dry trap over UV litho inks or primed conventional inks using a tower coater, a blanket coater or a roller coater.



Inks should be fully cured in order for best performance and adhesion. Do not contaminate with water based products. The use of dedicated UV lines / pumping system is highly recommended.

TYPICAL PROPERTIES (NOT A SPECIFICATION)

- **Density** - 9.5 ± 0.2 Lbs./gal.
- **Viscosity** - 280 ± 30 cPs; #2 Spindle; 60 rpm @ 72°F

PERFORMANCE DATA (24 hours after application)

- **Average Gloss (60 degree)** - 92 ± 4*
- ****Maximum Cure Speed** - 275 ft./min.*
1 x 300 watts / inch using a medium Pressure mercury lamp
- **Sutherland Rub Test** - No Scuffing*
500 Cycles (Coating to Coating)
using 4# counter weight
- **Block Resistance** - Complete Release
(Coating to Coating)
2 PSI / 16 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.

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

ISO 9001 Registered

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