

**DESCRIPTION**

This is a dull coating designed to have a soft suede finish with good stability. This coating is designed for paper and board substrates for both packaging and commercial use.

**FEATURES / BENEFITS**

- Soft Sueded Finish
- Dull Appearance
- Excellent Transfer Properties
- Moderate Rub After 24 Hours\*\*
- Excellent Foam Control
- Good Stability
- Minimal Spray Powder Required

**APPLICATION**

This coating is formulated to wet trap over litho inks or dry trap over water based primed litho inks using a chamber bladed coater on a sheet fed press. This coating can be applied in-line or with off-line equipment. Roller coater applications may require minor adjustments for optimum lay properties. Mixing is required before use. When used in packaging applications, cross linker is required.

Nicoat does not recommend using spot UV (including spot screen UV) for 2 sided applications; spot UV is only suitable for 1-sided applications.



In most applications, the addition of 2% by weight of Cross Linker is required.

It is highly recommended to consult with your Technical Sales Representative for best performance properties.

\*\*\*A press-side post add of Cross Linker #5102 will improve rub/scuff resistance with limitations.

\*\*\*This product has a shelf life of 6 months\*\*\*

\*\*\*Shelf life of product is limited to 24 hours after addition of Cross linker.\*\*\*

\*\*\*Not freeze / thaw stable\*\*\*

**TYPICAL PROPERTIES (NOT A SPECIFICATION)**

- **Density** - 8.7 ± 0.2 Lbs./gal.
- **Viscosity** - 20 ± 2 sec. @ 72°F using #3 Zahn Cup (Signature Series)
- **Solids by weight** - 39 ± 2%
- **V.O.C. by weight** - 1.0%

**PERFORMANCE DATA (24 hours after application)**

- **Gloss (60 degree)** - < 5\*
- **Sutherland Rub Test** - Minimal Scuffing\*
- **100 Cycles (Coating to Coating) with 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**

- Immediately wash with water or a combination of soap and water. No UV or alcohol cleaner required.
- See SDS for additional information.

**STORAGE / HANDLING**

- Store in a cool dry area.
- Mix Well Before Use. Not compatible with conventional aqueous coating chemistry. Flush & Purge lines before and after use.
- Reduce with water if needed.
- 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**

**LISTEN. LEAD. DELIVER. ISO 9001 Registered**

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