

### DESCRIPTION

This is an economical water based gloss coating which offers good gloss, improved abrasion properties and fast drying for work and turn applications. This coating is formulated for paper and board substrates for both packaging and commercial use.

### FEATURES / BENEFITS

- Economical
- Low Odor
- Low VOC
- Good Gloss
- Fast Drying
- Excellent Wetting
- Excellent Clarity
- Excellent Abrasion Resistance Properties
- Minimal Spray Powder Required

### APPLICATION

This coating is formulated to wet trap over litho inks using a dampener coater, a blanket coater, a chamber bladed coater and/or a tower coater on a sheet fed press.



This water based coating requires IR / Hot Air knives to be functioning properly while achieving load temperatures of 90-95°F. This coating must be treated as a conventional aqueous coating. Do not contaminate with UV products. The use of water lines / pumping system is highly recommended.

### TYPICAL PROPERTIES (NOT A SPECIFICATION)

- **Density** - 8.6 ± 0.2 Lbs./gal.
- **Viscosity** - 19 ± 1 sec. @ 72°F using #3 Zahn Cup (Signature Series)
- **Solids by weight** - 28 ± 2%
- **V.O.C. by weight** - 0.2%

### PERFORMANCE DATA (24 hours after application)

- **Average Gloss (60 degree)** - 57 ± 2\*
- **Sutherland Rub Test** - Minimal Scuffing\*  
500 Cycles (Coating to Coating)  
with 4# counter weight
- **Coefficient of Friction** - 0.275 - 0.325
- **Block Resistance** - Complete Release  
(Coating to Coating)  
2 PSI / 16 HRS. @ 120°F

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

### CLEANUP

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

### STORAGE / HANDLING

- Store in a dry area, below 90°F
- Mix Well Before 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 OR 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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