UNIVERSAL GRAPHIC SOLUTIONS
236 Stevens St. SW
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Grand Rapids, MI 49507

TECHNICAL DATA SHEET

POLARIS MATTE AQUEOUS WRITEABLE COATING

UGS-9718

DESCRIPTION

Polaris Matte Aqueous Writeable Coating was formulated to be a low gloss 1 or 2-sided coating for use in sheetfed and flexographic applications. It can be used with some glues, foil stamps and UV top coatings. TEST BEFORE USING!

DIRECTIONS

Mix before use and check viscosity. Add 1% water or 50/50 blend of water/IPA under agitation to reduce coating viscosity 4" # 3 Zahn.

FEATURES

- Economical dull
- Streak resistant
- Good flow and leveling

TECHNICAL SPECIFICATIONS

- **Flash Point (^{o}F TCC):** > 200
- **pH:** 8.3 – 8.7
- **Weight/Gallon:** 8.76
- **Gloss:** 8-15, depending on stock
- **Rub Resistance:** 8/10
- **Slip (face to face):** 15-18 degrees
- **COF (face to face):** .27-.32
- **Block Resistance (face to face):** Pass 120 F x 24 hr, 100% RH
- **Gluing, Stamping:** Suitable with some glues and foils. TEST FIRST!
- **UV Primer:** Suitable with some UV coatings. TEST FIRST!
- **Viscosity (#3 Signature Zahn Cup):** 18-20" @ 77 F
- **Inks:** Use recoatable inks only
- **Dilution:** 1% water will reduce viscosity 4" #3 Zahn
- **Wet Film Weight:** 3-6 micron
- **Percent Solids:** 40.0 +/- 2
- **Shelf Life:** 12 months, 6 after opening
- **Freeze/Thaw Stability:** 1 cycle
- **Drying:** Pile 105 F 1st side, 95F 2nd side
- **Clean-up:** Warm water. Water + ammonia for dried coating.

DISCLAIMER: Unless otherwise restricted by applicable law, nothing contained in this literature shall be deemed a representation or warranty of any kind, either expressed or implied. See the Safety Data Sheets (SDS) for this product for safety information prior to use. Rev. 5/17/2010