

# TECHNICAL DATA SHEET

## KKLP3505

### Highly Flexible Matte AQ Coating



#### PRODUCT DESCRIPTION

KKLP3505 is a unique aqueous coating whose dried film is highly elastic while providing good chemical and water resistance. Ideal for applications on film, paper and other substrates where elongation or shrink properties are critical. KKLP3505 is typically applied in-line via an anilox coating system. Kustom Coatings aqueous coatings do not contain zinc oxide, alcohol, or any HAP's materials.

#### PERFORMANCE CHARACTERISTICS

- Ideal for stocks with a minimum 36 dyne level
- Adequately cure film provides moderate water and chemical resistance.
- Faster drying than most coatings for this application
- Low gloss values for a superior matte finish
- Exhibits good rub and scuff resistance
- **Not** considered suitable for hot foil stamping, imprinting and gluing applications

#### PHYSICAL PROPERTIES

- Viscosity: 18 - 20" #3 Zahn (Signature) @ 77° F
- pH: 8.0 – 8.5 @ 77° F
- Solids: 36 - 38% Method 24
- Shelf Life: One year (unopened container)

#### PIGMENT SELECTION

Most aqueous coatings are alkaline in pH because of the presence of ammonia and/or amines. Kustom Coatings recommends avoiding the use of inks containing pigments that may bleed or change color when being exposed to an aqueous coating. Pigments that typically exhibit this alkali sensitivity include YS Rhodamine, BS Rhodamine, Methyl Violet, Fluorescent, Red Lake C, Alkali Blue (Reflex Blue) and possibly other pigments. Many pigments normally considered safe may prove to be problematic in low color strength color matches. The safest option is to use inks formulated to resist this burn potential. As a precaution, we strongly recommend that new pigments and ink formulations be evaluated with this coating.

#### FOR YOUR PROTECTION:

The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning uses or applications are only the opinion of Kustom Services, LLC., and users should make their own tests to determine the suitability of this product for their own particular purposes. However, because of numerous factors affecting results, Kustom Services, LLC. makes no warranty of any kind, expressed or implied, including those of merchantability and fitness for particular purpose, other than that the material conforms to its applicable current Standard Specifications. Standard Specifications, although current at the time of publication, are subject to change without notice. Please refer to the SDS for additional information.

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