

# TECHNICAL DATA SHEET

## KKLP5300

### Compliant Resistant Satin AQ Coating



#### PRODUCT DESCRIPTION

KKLP5300 is an acrylic-based aqueous coating formulated with materials that are Nestle Compliant and listed on Part A or B of the Swiss Ordinance for application to various paperboard substrates including poly board for packaging where low odor and low migration are a concern. KKLP5300 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

- For stocks with a minimum 40 dyne level
- Care should be exercised if double-sided poly board is going to be used. We recommend that this be evaluated very carefully before using and monitored while production jobs are running. There are many variables that could contribute to blocking/sticking under these conditions
- Faster drying than most coatings for this application
- Exhibits good gloss and clarity
- 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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