

# TECHNICAL DATA SHEET



# KS-7096

## Compliant Poly Board Gloss AQ Coating

### PRODUCT DESCRIPTION

KS-7096 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 poly coated paperboard for packaging where low odor and low migration are a concern. KS-7096 is typically applied in-line over wet ink via an anilox coating system. Kustom Group's aqueous coatings do not contain zinc oxide, alcohol, or any HAP's materials.

### PERFORMANCE CHARACTERISTICS

- For stocks with a minimum 40 dyne level
- Formulated specifically for excellent adhesion to poly board stocks over poly board lithographic inks
- 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 poly board coatings without mud cracking over heavy ink coverage
- 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:** 20 - 22" #3 Zahn (Signature) @ 77° F
- **pH:** 8.7 - 9.2 @ 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 Group 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:

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