

TECHNICAL DATA SHEET



KS-7074

Film Food Packaging Gloss AQ Coating

Product Description

KS-7074 is an acrylic-based aqueous coating made with 21CFR 175.300 approved materials for application with anilox rollers to film and other non-porous substrates. KS-7074 contains no voc's, exhibits low odor characteristics and considered low migration. Typical applications include flexo or digitally printed food packaging where indirect food contact is required. Please contact your Kustom Group representative for additional information.

Performance Characteristics

- Gloss values consistent with non-compliant water coatings
- Good rub and scuff resistance
- Low foaming
- Good for most hot foil stamping, imprinting and gluing applications. Before doing so, KS-7080 should be completely evaluated under production conditions using the actual substrate and ink, as materials for foil stamping, imprinting and gluing vary from supplier to supplier.

Physical Properties

- **Viscosity:** 11 - 13 #3 Zahn (Signature) @ 77° F
- **pH:** 8.0 - 9.0 @ 77° F
- **Solids:** 32 - 34% Method 24
- **Shelf Life:** One year (unopened container)

Pigment Selection

Most aqueous coatings are alkaline in pH due to 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 other amine sensitive 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 color alteration. 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 purpose. 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.

DATE REVISED 08/28/2020