

Technical Data Sheet

KS-200

UV Gel Vehicle for Plastic



Product Description

KS-200 is recommended as a gel letback vehicle for UV-curable lithographic inks where high performance and adhesion to a wide variety of rigid plastics are desired. Typical applications include printing on plastic and other substrates. For additional information regarding formulary assistance and applications, please contact your KUSTOM SERVICES, INC. representative.

Performance Characteristics

- Exceptional adhesion to a wide variety of plastics
- Excellent printability
- Superior holdout
- Minimal misting without the use of dry additives

Physical Properties

- Viscosity 1500 – 2000 Poise
- Yield 8000 – 12,000 dynes/cm²
- Tack 35 – 39 @ 400 rpm/1 minute
- Specific Gravity 1.10
- Solids > 99%

Storage and Handling Information

Care should be taken not to expose radiation curable products to temperatures exceeding 100°F for prolonged periods of time or to direct sunlight. Storage must be in a cool, shaded, well-ventilated and dry area. To do otherwise might cause uncontrollable polymerization of the product with generation of heat. Do not store this material under an oxygen-free atmosphere. This material should not be stored for more than six (6) months.

Certain precautions should be taken when handling this product. Please refer to the Material Safety Data Sheet (MSDS) for further details. This product contains materials that may cause moderate skin injury (reddening and swelling) and/or sensitization. Since irritation may not occur immediately, contact can go unnoticed. Consult the MSDS for appropriate equipment prior to using this or any other materials referred to in this Technical Data Sheet.

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, INC., 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, INC. 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 MSDS for additional information. DATE REVISED: 03/11/2019