

# Technical Data Sheet

## KS-21001

### General Purpose Screen Gloss UV Coating



#### Product Description

---

KS-21001 is formulated as a high gloss UV coating for use in the screen area. Typical applications include paper and paperboard substrates where very high gloss, good blocking and superior leveling are desired. For additional information regarding assistance and applications, please contact your Kustom Group representative.

#### Performance Characteristics

---

- Excellent gloss and clarity
- Produces a glass-like finish when applied through a screen
- Excellent cure response
- Not considered imprintable, foil-stampable, glueable, etc.

#### Physical Properties

---

- Viscosity 22 – 26 sec. #3 Zahn
- Specific Gravity 1.11
- Solids > 99%

#### End Use Considerations

---

KS-21001 should be evaluated under production conditions using the actual ink system and substrate to ensure that leveling, intercoat adhesion, gloss and other performance characteristics are acceptable. In general, UV coatings may not exhibit complete intercoat adhesion over some substrates. A primer may be considered for use if this property needs to be improved.

#### 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 Safety Data Sheet (SDS) 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 SDS 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, 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.

DATE REVISED: 01/31/2019