

Technical Data Sheet

KK684

Chemical & Water Resistant Matte UV Coating



Product Description

KK684 is formulated as a matte UV coating with wide range chemical resistance and submersion water resistance when applied over hybrid or UV inks on select paper and nonporous stocks. Typical applications of KK684 are outdoor, personal care or food service where weatherability and broad chemical resistance are critical. For additional information regarding assistance and applications, please contact your Kustom Koatings representative.

Performance Characteristics

- Broad adhesion to select plastics
- Great water, gasoline and motor oil resistance
- Superior recyclability
- Low yellowing
- Low odor
- Not considered printable, foil-stampable, glueable, etc.

Physical Properties

- Viscosity: 38 – 42" #3 Zahn
- Specific Gravity: 1.11
- Solids: > 99%

End Use Considerations

KK684 should be evaluated in the laboratory 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 ink systems. 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.

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