

Technical Data Sheet

LED-890

Soft Feel LED Coating



Product Description

LED-890 is a non-water containing LED curable matte coating recommended for use as a soft-touch tactile coating. LED-890 should be applied in-line over energy curable litho or flexo inks as well as aqueous flexo ink systems where a soft feel is desired. LED-890 does NOT contain water and will cure and protect like a standard matte LED coating. Typical applications include covers, folding cartons and non-porous labels. For additional information regarding assistance and applications, please contact your Kustom Group representative.

Performance Characteristics

- Matte gloss
- Low thixotropy
- Excellent cure response
- UV/LED coatable, cold-foil stampable and hot glueable

Physical Properties

- Viscosity 18 - 22 sec. #3 Zahn
- Specific Gravity 1.07
- VOC <1%

End Use Considerations

LED-890 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, LED 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.

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