

Technical Data Sheet

LED-257

LED Gelled Photoinitiator Blend



Product Description

LED-257 is unique gelled LED photoinitiator ideal for LED and H-UV offset litho inks. It is easily incorporated into offset or flexo ink formulas, and gives maximum top and through cure at various lamp settings. Recommended dosage of 6-12% is typical but may vary depending on the ink. For additional information regarding formulary assistance and applications, please contact your KUSTOM SERVICES, INC. representative.

Performance Characteristics

- Excellent top cure
- Gelled body maintains helps maintain ink body and is easier to handle in production
- Effective in typical LED emission ranges 365nm, 385nm or 395nm.
- Effective as photoinitiator for H-UV inks
- Blend of select photoinitiators
- Not recommended for white, or clears

Physical Properties

- | | |
|--------------------|--------|
| • Appearance | Gelled |
| • Specific Gravity | 1.08 |
| • 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 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, 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: 08/29/2018