

# Technical Data Sheet

## KS-237

### Kustom Kure Gelled EOTMPTA

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#### Product Description

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KS-237 is recommended as a gelled monomer for UV-curable lithographic, flexographic and silk-screen inks where high performance, fast cure and rheology modification are desired. Typical applications include inks for use on plastic, metal, paper, paperboard and other substrates. For additional information regarding formulary assistance and applications, please contact your KUSTOM SERVICES, INC. representative.

#### Performance Characteristics

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- No splash low viscosity solid
- Easy to add at press side using an ink spatula
- Safer to use versus liquid monomer
- Minimal misting without the use of dry additives
- Very effective in reducing tack and viscosity of UV ink

#### Physical Properties

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| • Appearance       | Clear Tackless Gel |
| • Specific Gravity | 1.11               |
| • Solids           | 100%               |

#### Suggested Starting Ink Formulary

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It is recommended that KS-237 be evaluated part-for-part versus ungelled EOTMPTA in an existing formula to determine changes in rheology and other performance. Please refer to the SUGGESTED INK FORMULARY bulletin for starting ink formulations. These are intended as starting formulae only. Substrate, press and other variables must be addressed by the formulator for each application.

#### Storage and Handling Information

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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 application. 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 a 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: 11/12/18