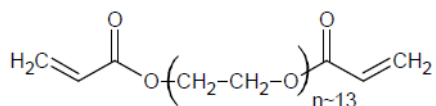


Product Data Sheet

General Information

PHOTOMER[®] 4056 is a clear, high boiling, water soluble monomeric di-ester liquid. PHOTOMER[®] 4056 is a long chain crosslinking agent, when polymerized it is a flexible, clear infusible resin.

Chemical Data



Chemical Name : Polyethylene Glycol (600) Diacrylate
CAS No. : 26570-48-9

Specification

| | | |
|--------------------------------|-------------------------------|---------------------------------------|
| Appearance | Visual | Clean and clear liquid |
| Viscosity @ 25 °C | Brookfield, ISO 2555 | 80 - 120 mPa.s |
| Colour (APHA) | ISO 6271 | ≤ 100 |
| Acid Value | NF EN ISO 660 | ≤ 0.5 mg KOH/g |
| Moisture content | Karl Fischer, ISO 4317 | ≤ 0.2 % |
| Inhibitor content | Spectrophotometer | 400 - 600 ppm |
| Specific Gravity @ 25°C | | 1.110 - 1.120 g/cm³ |
| Refractive index @ 25°C | | 1.4630 - 1.4730 |

Application

PHOTOMER[®] 4056 is recommended for coatings and over print varnishes that require more flexibility, offset inks and photopolymeric printing plates

Formulated product properties will depend on the actual reactive monomers, oligomers and additives utilized.

Features & Benefits

PHOTOMER[®] 4056 exhibits low volatility, is water soluble and has good flexibility.

Storage & Handling

Storage must be in a cool, shaded, well ventilated and dry area away from direct sources of heat and sunlight. Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 12 months.

PHOTOMER® 4056 should be handled in accordance with good industrial practice. Further information is provided in the material safety data sheet which is available on request.

Regulatory Status

TSCA (USA), EU (Europe), IECSC (China), DSL (Canada), PICCS (Philippines), AICS (Australia), NZIoC (New Zealand), ECL (Korea), ENCS (Japan), Taiwan.

Packaging

PHOTOMER® 4056 is available in 200kg drums.

Disclaimer

The information presented in this data sheet is given in good faith and is based on the material available to us at the time of writing. The information is not to be taken as a warranty or representation for which we assume legal responsibility, nor as permission or recommendation to practice any patented invention without a license. It is offered solely for consideration, investigation and verification.