



PHOTOMER[®] 3016-40T

Epoxy Acrylate

Product Data Sheet

General Information

PHOTOMER[®] 3016-40T is a moderate viscosity, non volatile, acrylic ester derived from a low molecular weight aromatic epoxy resin. The product exhibits very fast cure speed.

Chemical Data

Chemical Name : Bisphenol A epoxyacrylate & Trimethololpropane triacrylate
CAS No. : 55818-57-0 & 15625-89-5

Epoxy acrylate oligomer diluted with approximately 40 % PHOTOMER[®] 4006 (TMPTA)

Specification

Appearance	Visual	Clear pale yellow liquid
Viscosity @ 25 °C	Brookfield, ISO 2555	6000 – 9000 mPa.s
Colour (Gardner)	ISO 4630	≤ 1
Acid Value	ISO 660	≤ 3 mg KOH/g

Application

PHOTOMER[®] 3016-40T is particularly suitable for use in UV/EB curable varnishes for industrial uses, graphic arts, as well as screen printing, flexo and other inks on metal, paper/paperboard, plastic and on wood.

Incorporation of this medium viscosity acrylate oligomer in UV/EB formulations provides high surface hardness, very high gloss finish, excellent scuff and superior solvent resistance characteristics. The final properties obtained will be influenced by the actual reactive monomers and additives utilized.

Storage & Handling

PHOTOMER[®] 3016-40T may stratify and crystallize if subjected to cold. Allow to warm up to 50°C until a uniform product is obtained, mix on a drum roller if necessary. Storage should be in a cool, shaded, well ventilated and dry area away from sources of direct heat and sunlight.

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 12 months.

PHOTOMER[®] 3016-40T 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), EINECS (Europe), IECSC (China), DSL (Canada), PICCS (Philippines), AICS (Australia), NZIoC (New Zealand), ECL (Korea), ENCS (Japan), Taiwan

Packaging

PHOTOMER® 3016-40T is available in 200 kg lined tight head steel drums.

Disclaimer

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