



PHOTOMER[®] 3016-20T Epoxy Acrylate

Product Data Sheet

General Information

PHOTOMER[®] 3016-20T 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 & Trimethylolpropane triacrylate
CAS No. : 55818-57-0 & 15625-89-5

Epoxy acrylate oligomer diluted with approximately 20 % PHOTOMER[®] 4006 (TMPTA)

Specification

Appearance	Visual	Limpid pale yellow viscous liquid
Viscosity @ 25 °C	Brookfield, ISO 2555	45,000 - 55,000 mPa.s
Colour (Gardner)	ISO 4630	≤ 1
Acid Value	ISO 660	≤ 3 mg KOH/g

Application

PHOTOMER[®] 3016-20T is particularly suitable for use in UV/EB curable varnishes for industrial uses, graphic arts, as well as screen printing, litho, flexo and other inks on metal, paper/paperboard, plastic and on wood. Incorporation of this medium viscosity acrylate oligomer in UV/EB curable formulations provides high surface hardness, very high gloss finish, excellent scuff and superior solvent resistance characteristics.

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

Storage & Handling

PHOTOMER[®] 3016-20T 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.

Additional handling information is contained within the material safety data sheet which is available upon request.

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

Regulatory Status

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

Packaging

PHOTOMER® 3016-20R F is available in 200 kg lined tight head steel drums.

Disclaimer

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