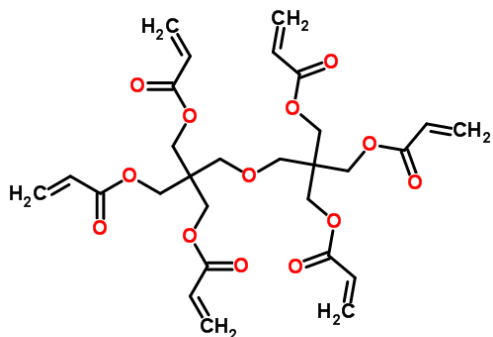


Product Data Sheet

General Information

PHOTOMER[®] 4666 is a mixture of penta-acrylate and hexa-acrylate monomer.

Chemical Data



Chemical Name : Di-pentaerythritol Hexa acrylate
Molecular weight : 575 g/mol
CAS No. : Due to Reach harmonization the new DPHA CAS No (same as DPPA) is **1384855-91-7**
EC No. : 249-698-0

Specification

Appearance	Visual	Clean and clear liquid
Viscosity @ 25 °C	Brookfield, ISO 2555	4,000 - 7,000 mPa.s
Colour (APHA)	ISO 6271	≤ 100
Acid Value	DIN EN ISO 2114	≤ 0.1 mg KOH/g
Moisture content	DIN 51777-1	≤ 0.2 %
Specific Gravity @ 25°C		1.170 - 1.190 g/cm³

Additional typical properties

OH value	35 - 45mgKOH/g.
Inhibitor (MEHQ)	400~600 ppm

Application

As a reactive diluent, PHOTOMER® 4666 finds use in UV/EB:

- Adhesives
- Coatings for optical, paper, PVC floor and wood.
- Electronics for solder masks
- Inks for flexo, gravure, offset and screen.

Features & Benefits

PHOTOMER® 4666 exhibits low volatility, low skin irritation, good hardness and high reactivity and crosslink density.

Storage & Handling

Storage must be in a cool, shaded, well ventilated and dry area away from direct sources of heat and sunlight. PHOTOMER® 4666 may crystallize or stratify if subjected to cold or freezing conditions. Allow to warm to room temperature and mix well before use.

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

PHOTOMER® 4666 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), NDSL (Canada), PICCS (Philippines), AICS (Australia), NZIoC (New Zealand), ECL (Korea), ENCS (Japan), Taiwan.

Packaging

PHOTOMER® 4666 is available in 200 kg drums.

Disclaimer

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