

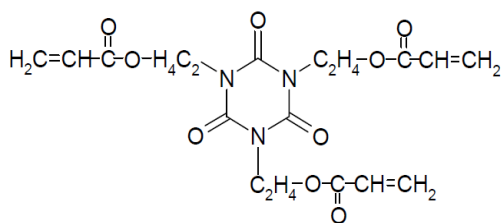
Product Data Sheet

General Information

PHOTOMER[®] 4356 is a tri-functional acrylated monomer which can be polymerised in the presence of free radicals. This monomer is typically designed for use in UV- and EB curable applications.

PHOTOMER[®] 4356 offers high reactivity, high cross linking density and excellent scratch, abrasion water and chemical resistance and good heat resistance combined with low shrinkage properties and none yellowing properties

Chemical Data



Chemical Name	: Tris (2-Hydroxyethyl) isocyanurate triacrylate
Molecular weight	: 423 g/mol
CAS No.	: 40220-08-04
EC No.	: 254-843-6

Specification

Appearance @ 60°C	Visual	Clear or slightly hazy wax
Acid Value	ISO 660	≤ 1 mg KOH/g
Colour (APHA)	ISO 6271	≤ 100
Moisture content	Karl Fischer, ISO 4317	≤ 0.2 %
Inhibitor content		300 - 1200 ppm

Application

PHOTOMER[®] 4356 can be recommended for Industrial coatings like wood, metal and plastics and inks and Overprint Varnishes, adhesives, electronics, photopolymers and photoresists

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

Features & Benefits

PHOTOMER[®] 4356 exhibits of a High Tg of 240 °C and a melting point around 53°C.

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® 4356 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® 4356 is available in 200 kg drums.

Disclaimer

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