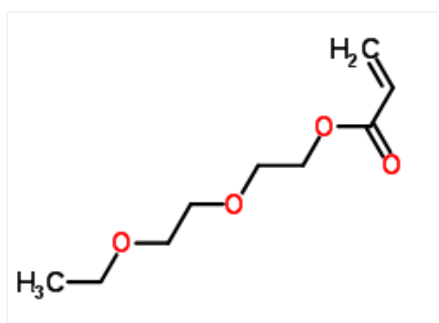


Product Data Sheet

General Information

PHOTOMER® 4211 is a highly reactive monofunctional acrylate monomer, it can be used as a low viscosity diluent for ultraviolet radiation cured systems.

Chemical Data



Chemical Name : 2-(2-ethoxyethoxy) ethyl acrylate
Molecular weight : 188.22 g/mol
CAS No. : 7328-17-8
EINECS No. : 230-811-7

Specification

Appearance	Visual	Clear liquid
Viscosity @ 25 °C	Brookfield, ISO 2555	3 - 8 mPa.s
Colour (APHA)	ISO 6271	≤ 60
Acid Value	ISO 660	≤ 1 mg KOH/g
Moisture content	Karl Fischer, ISO 4317	≤ 0.2 %
Inhibitor content	Spectrophotometer	≤ 1100 ppm
Specific Gravity @ 25°C		1.010 - 1.030 g/cm³
Refractive index @ 25°C		1.4360 - 1.4390

Application

PHOTOMER® 4211 may be used, after adequate testing, in UV curable coating, ink and adhesive formulations based on acrylates, for substrates such as paper, wood, metal and plastics. The product may also be used as a chemical intermediate.

Features & Benefits

PHOTOMER® 4211 exhibits low shrinkage and good flexibility in addition to excellent weather and water resistance.

Storage & Handling

PHOTOMER® 4211 should be handled with care. Do not expose to direct sunlight. Store the product at room temperature between 5 °C and 25 °C. Avoid contact with alkaline additives and water. Store in the original packaging. If kept unopened in the original sealed packaging and stored correctly, the product will have a shelf life of at least 12 months.

PHOTOMER® 4211 should be handled in accordance with good industrial practice. Further information is provided in the material safety data sheet which is available upon 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® 4211 is available in 200 Kg 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.