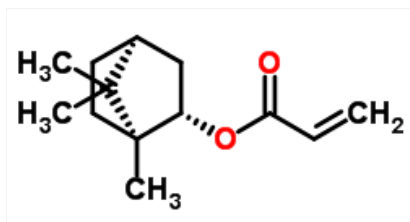


### Product Data Sheet

#### General Information

PHOTOMER<sup>®</sup> 4012 is a very low viscosity monofunctional acrylated monomer which can be polymerized in the presence of free radicals. It is typically used in UV and EB curable applications.

#### Chemical Data



<b>Chemical Name</b>	: Isobornyl acrylate
<b>Molecular weight</b>	: 208 g/mol
<b>CAS No.</b>	: 5888-33-5
<b>EINECS No.</b>	: 227-561-6

#### Typical Physical Properties

<b>Appearance</b>	<b>Visual</b>	<b>Clear liquid</b>
<b>Viscosity @ 25 °C</b>	<b>Brookfield, ISO 2555</b>	<b>7 -12 mPa.s</b>
<b>Colour (APHA)</b>	<b>ISO 6271</b>	<b>≤ 50</b>
<b>Acid Value</b>		<b>≤ 1.0 mg KOH/g</b>
<b>Moisture content</b>	<b>Karl Fischer, ISO 4317</b>	<b>≤ 0.2 %</b>
<b>Inhibitor content</b>	<b>GC Analyses</b>	<b>≤ 300 ppm</b>

#### Application

PHOTOMER<sup>®</sup> 4012 may be used, after adequate testing, in UV curable coating, ink and adhesive formulations based on acrylates, for substrates such as wood, metal, glass and plastics. Photopolymers and photoresists may also provide opportunities for use.

#### Features & Benefits

PHOTOMER<sup>®</sup> 4012 offers excellent solvency, high Tg and outstanding adhesion properties particularly on glass on plastics. In addition it has good reactivity, flexibility and weathering properties.

## Storage & Handling

Do not expose to direct sunlight. Store 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 18 months.

PHOTOMER® 4012 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), EU (Europe), IECSC (China), DSL (Canada), PICCS (Philippines), AICS (Australia), NZIoC (New Zealand), ECL (Korea), ENCS (Japan), Taiwan

## Packaging

PHOTOMER® 4012 is available in 200Kg drum

### 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.