



PHOTOMER® 6690

Aliphatic 6 F Urethane Acrylate

Product Data Sheet

General Information

PHOTOMER® 6690 is a hexafunctional aliphatic urethane acrylate oligomer which provides very fast cure performance in addition PHOTOMER® 6690 exhibit high hardness and solvent resistance.

Specification

| | | |
|---------------------------------|-----------------------------|--------------------------|
| Appearance | Visual | Clear liquid |
| Viscosity @ 65 °C | Brookfield, ISO 2555 | 1000 - 3000 mPa.s |
| Colour (Gardner) | ISO 4630 | ≤ 2 |
| Isocyanate content (NCO) | Titration | ≤ 0.1 % |

Application

PHOTOMER® 6690 is recommended for use for paper, wood and plastic coatings for its scratch and abrasion resistance, cure speed and solvent resistance. It may also be recommended for overprint varnishes like offset, flexo, screen and gravure coatings.

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

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 6 months.

PHOTOMER® 6690 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), NDSL (Canada), ECL (Korea)

Packaging

PHOTOMER® 6690 is available in 55 gallon (200 liter) steel drums.

Disclaimer

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