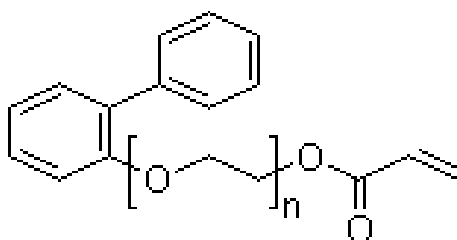


Product Data Sheet

General Information

PHOTOMER® 4135 is a low odour, low volatility mono-functional acrylated monomer which can be polymerised in the presence of free radicals. It is typically used in UV- and EB curable applications and is particularly suited to use in coatings for optical media.

Chemical Data



Chemical Name	: o-phenylphenoxyethyl acrylate
Molecular weight	: 268 g/mol
CAS No.	: 72009-86-0
EC No.	: 500-247-9

Specification

Appearance	Visual	Clean and clear liquid
Viscosity @ 25 °C	Brookfield, ISO 2555	120 - 150 mPa.s
Colour (APHA)	ISO 6271	≤ 100
Acid Value	ISO 660	≤ 0.5 mg KOH/g
Moisture content	Karl Fischer, ISO 4317	≤ 0.2%
Inhibitor content	Spectrophotometer	100 – 400 ppm MEHQ
Specific Gravity @ 25°C		1.130 - 1.150 g/cm³
Refractive index	ISO 489	1.5700 - 1.5800

Applications

PHOTOMER® 4135 may be used, after adequate testing, in the following UV curable application areas:

- Coatings for optical media
- Coatings and inks for substrates such as paper, wood, metal and plastics.
- Adhesives
- Electronics

Features & Benefits

PHOTOMER® 4135 exhibits a high refractive index and good impact strength.

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® 4135 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), ENCS (Japan) and Taiwan

Packaging

PHOTOMER® 4135 is available in 200Kg drums.

Disclaimer

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