

Monomer CTFA

Product Description

Monomer CTFA (Cyclic Trimethylolpropane Formal Acrylate) is a low viscosity monofunctional diluent with a fast curing speed used in UV/EB curing applications. The special features of this monomer are good solvent resistance, fast curing speed, and good hardness.

Chemical Data

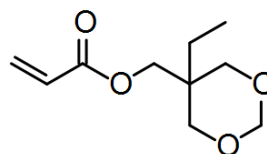
Chemicals Name

Cyclic Trimethylolpropane Formal Acrylate

CAS:

66492-51-1

Molecular Formula



Typical properties

Appearance

Clear liquid

Color (APHA), max.

≤ 50

Viscosity, 25°C, cps

12 – 18

Specific Gravity, g/cm³ at 25°C

1.1

Water wt% max

≤ 0.3

Acid value, mg KOH/g, max.

≤ 0.5

Advantages

- Low color and viscosity
- Good hardness
- Fast curing speed
- Good solvent resistance
- Excellent diluency

Applications

UV or EB cured inks, coatings, varnishes, and electronic applications as photoresists

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.

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Packing & Storage

- 200kg Metal Drums
- This monomer should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures below 38°C. Exposure to direct sunlight should be avoided
- Recommended shelf life is 1 year

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