

Monomer

β-CEA

Product Introduction:

β-Acryloyloxypropionic acid (β-CEA) is a bifunctional acrylate monomer with low odor and high polymerization activity. It exhibits superior adhesion to substrates such as metals and excellent compatibility. After curing, it demonstrates excellent chemical resistance and mechanical strength, making it suitable for systems requiring high adhesion.

Product Features:

- ◆ Low T_g (37°C)
- ◆ The flexibility of long chains
- ◆ Suitable for water-based, solvent-based, and 100% solids systems.

Application

- ◆ Adhesives
- ◆ Imparts excellent reworkability (repeated bonding performance) to laminating adhesives.
- ◆ Proves the adhesive strength of pressure-sensitive
- ◆ As an adhesion promoter, it can also significantly improve the adhesion of polyurethane baking paint systems.

Technical information

Chemical Name	β-Acryloyloxypropionic acid
Appearance	transparent and light yellow
Polymerization inhibitor (MEHQ) (ppm)	900±200
Acid Value (mg KOH/g)	370±20
Color	≤50
Viscosity (mPa·s, 60 RPM, 25°C)	54±5

Specification

190kg net in iron drum
25 kg net in plastic bucket

Storage

- ◆ Please store in a cool, well-ventilated indoor place, away from sunlight and heat sources.
- ◆ Under normal storage conditions, the safe storage period can reach 360 days.

Precautions

- ◆ Wear protective equipment during operation and avoid direct contact with skin, eyes or clothing.
- ◆ If accidentally contacted, wash with soap and water (for eyes, rinse with plenty of water for at least 15 minutes).

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