

L-8120 Reactive Tertiary Amine Co-initiator

Description

L-8120 is a 2-functional tertiary amine co-initiator with a special structure of acrylic acid acyloxy group with very low odor. It can provide a large amount of active hydrogen, effectively avoid oxygen inhibition, increase the curing speed, and show excellent surface drying performance when used in formulas. Compared with tertiary amine products of the same type, L-8120's appearance color is very light, and the color change is very small during storage, it shows excellent yellowing resistance.

Technical data

Appearance	Transparent liquid
Chroma (Gardner)	≤2
Viscosity (25°C, CPS)	15-25
Water%	≤0.1
Polymerization inhibitor (ppm)	100-300
Refractive index	1.456
Surface tension Dynes/cm, 20°C	36.9
Tg (°C)	-16
Amine mediator (mgKOH)	200-220
Functional group	2

Performance

Extremely low odor, low skin irritation, efficient surface drying performance, excellent yellowing resistance, and excellent compatibility.

Applications

Widely used in the photocuring polymerization reaction of various unsaturated systems such as UV coatings, UV 3D printing inks, UV screen printing inks, UV adhesives, UV solder mask inks, UV inkjet, UV nail polish, UV flexo printing, UV roller coating, etc.

Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Recommended storage temperature is not higher than 30°C. Unused products must be sealed and stored in a timely manner and cannot be stored in the open. Safe storage time is 6 months at room temperature(25°C) and under ventilation. 25KG/200KG/barrel

Tips: L-8120 can increase the cross-linking density of the coating and also increase the flexibility of the coating.

Note: Technical data represents typical values only. In view of the differences in formulas, production process, conditions, all the above statements must be adjusted according to the actual situation, our company does not make any promises. Our company reserves the right to reform its products without prior notice of any changes.