Lencolo®
蓝柯路

TDS

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L-61056 Propoxylate neopentylene glycol diacrylate

CAS#：84170-74-1

Description

L-61056 NP(PO2)GDA is a 2-functional photocurable monomer based on propoxy esterification. It has the characteristics of less irritation to the skin; increased water resistance of the coating; lower surface tension, which can enhance the adhesion of difficult-to-adhere substrates; lower glass transition temperature, which can improve the flexibility of the cured coating and so on.

Technical data

Appearance	Transparent liquid
Color number (APHA)	≤100
Viscosity (25ºC, CPS)	10-20
Water%	≤0.1
Polymerization inhibitor (ppm)	400-600
Refractive index	1.466
Surface tension Dynes/cm,20℃	30.2
Tg(ºC)	35
Acid value (mgKOH)	≤0.5
Functional group	2

Performance

Low shrinkage, low skin irritation, excellent wettability, good mirror leveling effect, improved adhesion

Applications

It is 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 glues, and UV inkjet.

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(25ºC) and under ventilation. 25KG/200KG/barrel

Tips:L-61056 has better heat resistance and high temperature resistance when used in UV solder resist paint