Lencolo®
蓝柯路

TDS

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L-61014 (THFA) Tetrahydrofuran Acrylate

CAS#2399-48-6

Description

L-61014 is a mono-functional acrylate monomer suitable for UV-curing reactions. It offers excellent adhesion, good dilution capability, and strong chemical and water resistance. It is suitable for UV polymerization in coatings, UV inks, UV adhesives, and other unsaturated systems.

Technical Data

Appearance	Transparent liquid
Molecular Weight (g/mol)	156
Acid Value (mg KOH/g)	0.5 max
Color Number (APHA)	≤ 80
Viscosity (25ºC, CPS)	3 - 12
Density d (g/mL, 25/4ºC)	1.064
Boiling Point (°C, normal pressure)	87
Tg (ºC)	-20
Refractive Index	1.458
Surface Tension (dyne/cm),20ºC	36.1
Functional Group	1

Product Features

Excellent adhesion to most substrates, especially strong adhesion to PC

High dilution capability

Good flexibilizing effect, forming very soft films

Superior water and chemical resistance

Applications

Synthetic UV resins; UV adhesives; 3D UV printing resins; UV nail polishes; UV inkjet, etc.

Storage Conditions

To prevent premature polymerization due to the high reactivity of this product, keep it tightly sealed and store away from heat sources and direct sunlight. It is recommended to maintain storage temperature below 30 °C. Unused product should be promptly resealed and must not be left open. Under ventilated conditions at 25 °C, the product has a safe storage period of 6 months. Available packaging: 25kg / 200 kg per drum

Tips:L-61014 is widely used in UV products with sensitive odor requirements.It is recommended for UV adhesives and UV inkjet applications, offering excellent adhesion, good dilution capability, strong chemical and water resistance, and good adhesion to PC substrates.