

## L-8442A UV Resin for Color Nail Gel Polish

### Description

**L-8442A** is a special modified polyurethane UV resin with excellent flexibility, excellent yellowing resistance, good toughness, fast curing speed, lower heat release than L-8442 under 60 seconds LED irradiation, and better yellowing resistance. It can be widely used in various UV nail gel, UV adhesive and other fields.

### Technical Data

Appearance	Colorless or slightly yellow transparent liquid
Viscosity (60°C, CPS)	1000 - 2500
Color Value (Gardner)	≤ 1
UV Content (%)	100
Acid Value (mg KOH/g)	≤ 3
Refractive Index	1.536
Shore Hardness	89D
Functional Group	2

### Product Features

Low odor, low LED heat release  
Excellent flexibility and toughness  
Fast curing speed, good yellowing resistance

### Applications

Widely used in UV ink, UV topcoat for plastic, UV nail gel, UV adhesive, 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: 20 kg / 200 kg per drum

**Tips: L-8442A has a slightly stronger odor than L-8442, better yellowing resistance, and lower LED heat release.**

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.