

## L-8466 Anti-Graffiti Dual-Cure UV Polyurethane

### Description

**L-8466** is a specially modified UV polyurethane resin containing hydroxyl groups, which can react with isocyanates to form dual-cure coatings. It provides good adhesion on inorganic glass, metals, and various substrates including PC, ABS, PMMA, paper, leather, and synthetic leather, while offering excellent leveling, long-lasting stain resistance, and versatility as either a UV coating modifier or the main resin in dual-cure UV formulations.

### Technical data

Appearance	Transparent liquid
Viscosity (25°C, CPS)	6,000 - 12,000
UV Content (%)	85% ± 2
Density (g/cm <sup>3</sup> , 25°C)	1.1 ± 0.1
Acid Value (mg KOH/g)	2 - 5
OH Value (solid content)	105 mg KOH/g
Refractive Index	1.478
Functional Group	3

### Product Features

High hardness and good toughness, effectively improving vibration and wear resistance.

Contains hydroxyl groups, suitable for dual-curing UV coatings.

Low shrinkage, good adhesion, and good weather resistance.

Resistant to boiling and immersion in water.

Good leveling, good stain resistance, and long-lasting stain resistance.

### Applications

Dual-cure UV varnishes, anti-graffiti UV coatings and adhesives for various plastics; dual-cure UV inks; protective inks for mobile phone glass; dual-cure UV coatings for automotive interiors; and functional films with hardness enhancement

### 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-8466 offers excellent leveling and fullness, with superior stain resistance. A curing agent can be added during application if desired.**

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.