

L-9800W Water-based UV Resin

Description

L-9800W water-based UV primer resin is a water-based UV polyurethane aqueous solution modified by a special process. It has good adhesion to various types of wood, excellent sealing properties, and good pigment wettability.

Technical data

Appearance	Milky white lotion
Viscosity (25°C, CPS)	100-200
Solid content %	40±2
pH value	7.0±0.3

Performance

It has good adhesion to ABS, ABS/PC, PC and wood, good sealing, good pigment wettability, good drying, good sandability, excellent water resistance, scrub resistance and alkali resistance.

Applications

Water-based plastic UV, water-based wood UV sealing primer, water-based UV color wiper, etc.

Reference formula

L-9800W water-based UV primer	
Main ingredient	
Water	10.6
Anti-mildew fungicides	0.2
L-9800W water-based resin	65
Lencolo 1190W dispersant	0.2
Lencolo 2024W Defoaming Agent	0.2
Lencolo 3245W Substrate Wetting Agent	0.3
5006D photoinitiator	5
Filler	10
Color paste	8
Thickening agent	0.3
PH value adjuster	0.2
Total	100

Precautions

1. The diluent is tap water: isopropyl alcohol (or ethanol) 1:1. Solvents such as PMA can also be appropriately added to the formula;
2. The resin can be used alone to formulate a varnish, which can be used for sealing protection or gloss decoration on metal or wooden surfaces;
3. If it is applied to the surface of non-absorbent materials and has high requirements for resistance to chemicals and solvents, please dry it with hot air before UV curing;
4. The curing condition is a UV lamp with a power of 3000W or above. The distance between the lamp and the object to be illuminated is within 7CM for the fastest curing speed and the best effect. If the distance is greater than this distance, the illumination time needs to be extended appropriately.

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. 50KG/200KG/barrel

**Tips:L-9800W has good adhesion, has certain emulsifying ability, and is compatible with conventional UV resin and UV monomer.**

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.