

Lencolo 8551 Stabilizer

Description

Lencolo 8551 is an important green, environmentally friendly and efficient liquid stabilizer in UV curing formulation systems. Its main function is to extend the storage time of UV formulated products. It can prevent self-polymerization of photocurable inks, photocurable coatings, photoresists, adhesives, unsaturated polyester resins, vinyl monomers, etc. during storage. This product has superior performance, good effect and wide application fields.

Technical data

Appearance	Liquid phase No. 16~17
Viscosity (25°C, CPS)	15 - 25 CPS
Chroma (Gardner)	≤4
UV component (%)	100
Density (g/cm ³ , 25°C)	1.1±0.05

Performance

Can be used for UV resin, UV varnish, UV adhesive/UV photocuring coating (UV plastic Gel coating) plays a role in inhibiting polymerization and stabilizing, preventing gel oxidation, prolonging the storage period of resin solution products and improving stability;
Used as a high-efficiency polymerization inhibitor for acrylic acid, vinyl acid and other acrylic monomers and resins;
Especially in UV nail polish, 3D UV printing, and UV ink, the effect is obvious, especially the products added with mercaptans and active amines;
It must be added to the solid resin dissolved in the monomer, which can effectively prevent the product from gelling into a solid in a short period of time, and the effect is better;

Applications

UV adhesive, 3D UV printing, UV nail polish, UV ink, UV coating, etc.

Usage

Add in the later period
Addition amount: 0.2-2% (to the total amount of resin and monomer)
Users are advised to conduct experiments to determine the optimal dosage before use.

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. 25KG/barrel

Tip: Lencolo 8551 is effective in preventing gelation in UV nail polish, 3D UV printing, and UV inks, especially for products that contain mercaptans, active amines, and monomers to dissolve solids, and the effect is good.

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.