

## L-8320 Scratch Resistant Soft Touch Elastic UV Resin

### Description

L-8320 is a specially modified aliphatic polyurethane resin. Its unique molecular structure makes it have excellent scratch resistance, good adhesion to the substrate, good dryness, scratch resistance, wear resistance and delicate soft touch skin feel etc.

### Technical data

Appearance	Transparent liquid
Viscosity (25°C, CPS)	14,000 - 25,000
UV component (%)	100
Density (g/cm <sup>3</sup> , 25°C)	1.1±0.1
Acid value (mg KOH/g)	2
Refractive index	1.49
Shore hardness	68D
Functional group	9

### Performance

It has good wettability to matte powder. It can be extinguished by matte powder, mattiness below 3, good scratch resistance and no marks left,

Good adhesion and fast curing speed

Good scratch resistance, slipness, wear resistance, good soft touch skin feel

Good RCA resistance, over 500 times

Compared with traditional two-component rubber paint, it has good afterwards-non-sticky property, high production efficiency, energy saving, environmental protection and less solvent emission.

### Applications

Soft touch UV, matte anti-scratch UV. Widely used in keyboards, mice, PVC flooring, paper soft touch coating, PET soft touch ink, plastic soft touch UV, anti-scratch wear resistant UV coating etc.

### Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Safe storage time is 6 months at room temperature( 25°C) and under ventilation.

This product will be packed into 20KG/25KG/200KG/barrel

**Tips:L-8320 has good workability, mattiness below 3 degree, good scratch resistance, leaves no marks, its soft touch skin feel is slightly less.**

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.