

## Product description

One-component, solvent-free, UV-curable fixing glue;  
Modified polyurethane acrylic resin;  
Low-odor, environmentally friendly;  
Medium viscosity, high thixotropy, shape retention;  
Excellent yellowing resistance, high strength;  
Excellent insulation.

## Product features

- 365nm UV LED light source curing, fast curing;
- Solvent-free, economical and environmentally friendly;
- Medium viscosity, high thixotropy, excellent shape retention;
- Excellent yellowing resistance, high strength, high adhesion;
- Excellent insulation, high volume resistivity;
- Excellent weatherability, UV resistance;
- RoHS compliant.

## Typical applications

- Suitable for bonding of welding strip and solar cell.

## Directions for use

**Clean-up:** The surface of the object must be cleaned, and free of oil, dust and other contaminants;

**Gluing:** Apply the glue to the surface of the cleaned object;

**Curing:** Cure with 365nm UV LED light source; recommended curing energy: 2000-10000mJ/cm<sup>2</sup>, curing light intensity: 800-2000mW/cm<sup>2</sup>, curing time: 2-10s.

Curing energy, curing light intensity and curing time depend on the thickness of the adhesive layer, the distance from the adhesive layer to the light source, the light transmission of the bonded object and other factors.

## Technical parameters

Item	Unit	Typical value
Appearance		Colorless transparent paste
Density@23°C	g/cm <sup>3</sup>	1.09
Viscosity@25°C	mPa·s	8500
Thixotropy@25°C	/	4
Hardness (Shore D)	/	65
Elongation at break	%	40
Colloidal strength	MPa	25
Tensile strength@glass-tinned stainless steel	Mpa	12
Volume resistivity@500V	Ω·cm	5.0*10 <sup>14</sup>
160°C @2h yellowing index	/	1
200°C @2h yellowing index	/	4

## Cautions

Keep away from children for storage.

It is recommended to use the product in a well-ventilated place to reduce the odor;

If the skin is accidentally exposed to the product, wipe clean and wash with water. If the eyes are accidentally exposed to the product, rinse immediately with water and seek medical examination;

Please consult the MSDS of the product for safety information.

## Packing specification

Order code: 351501  
3515, 300 cc/cartridge, 10 cartridges/carton

## Storage

Shelf life is 6 months when stored at 8-28°C in a cool and dry place, away from sunlight.

### Special Note

The data in this document were obtained under laboratory conditions. Due to differences in the operating environment, the user can refer to these data and operating conditions for analysis and testing. Huitian does not guarantee the sale of products or the use of the products under specific working conditions and does not accept any liability for direct, indirect or incidental damage. If users encounter any problems in the process of use, please contact the technical service department of Huitian New Material and all assistance will be provided.