

## Product Manual(TDS)

### Urethane acrylate BW L8619

#### Product introduction

**BW L8619** is a two-function aliphatic polyurethane acrylate. It has the characteristics of fast curing speed, good toughness and excellent abrasion resistance. It is particularly suitable for UV nail varnish, light curing 3D printing, plastic paints, resilient parquet paints, etc. It provides very excellent impact resistance, flexibility and other characteristics.

#### Product characteristics

Functional	2	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.07
Appearance (25°C)	Transparent clear liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	7000-15000	Refractive Index( $n_d$ at 25°C)	1.49
Color (APHA)	≤60	Elongation At Break (%)	120
Acid Value (mg KOH/g)	≤1	Tensile Strength (MPa)	32

- Fast curing speed;
- Good flexibility;
- Resistant to reverse shock;

#### Applications

- It is used in UV nail polish, light-curing 3D printing, UV coating.

#### Packaging

- In 20 kg plastic drums
- In 200 kg metal drums

#### Storage

- Store in a properly sealed container, away from sunlight and heat;
- At normal room temperature storage conditions, the product storage stability of at least 6 months;
- Low temperature or long-term storage, this product may form a false plastic layer;
- This rheological change can be restored by stirring or slight heating ( Maximum temperature 45°C);

**It is especially suggested that the above data and suggestions are based on experimental data, but due to the uselessness of users, we can not provide any guarantee for the integrity and accuracy of the information.**

**We recommend that customers choose our products and adopt them. Determine their applicability before making our recommendations.**

