

## Product Manual(TDS)

### Urethane acrylate BW L8577

#### Product introduction

**BW L8577** is a modified polyurethane acrylate with led UV low energy curing system. It has the characteristics of fast curing speed, excellent adhesion, good pigment wettability, and have excellent adhesion to different substrates. It is mainly used in nail polish primer and uv adhesive industry.

#### 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) | 7000~16000               | Refractive Index(nd at 25°C) | 1.47 |
| Color (APHA)            | ≤60                      | Elongation At Break (%)      | -    |
| Acid Value (mg KOH/g)   | 20-30                    | Tensile Strength (MPa)       | -    |

- Low viscosity;
- Good adhesion to fingernail;
- Good levelling and pigment wetting ability;

#### Applications

- It is used in LED UV nail polish primer, UV adhesive.

#### 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.**

