

## Product Manual(TDS)

### Urethane acrylate BW 8674

#### Product introduction

**BW 8674** is a benzene-free modified polyurethane acrylate. It is characterized by low viscosity, fast curing, excellent leveling and fullness, good pigment wetting and color spreading, etc. It is mainly used in vacuum electroplating top coat, silver powder primer and plastic UV varnish, and still shows good adhesion after adding color essence.

#### Product characteristics

|                         |                          |                                  |      |
|-------------------------|--------------------------|----------------------------------|------|
| Functional              | 3.4                      | Hardness                         | -    |
| Active Ingredient (%)   | -                        | Proportion (25°C)                | 1.04 |
| Appearance (25°C)       | Clear transparent liquid | Shrinkage(%)                     | -    |
| Viscosity (cps at 25°C) | 800 - 1,500              | Refractive Index( $n_d$ at 25°C) | 1.47 |
| Color (APHA)            | $\leq 60$                | Elongation At Break (%)          | -    |
| Acid Value (mg KOH/g)   | 4.0 - 6.0                | Tensile Strength (MPa)           | -    |

- Fast curing speed;
- Low viscosity;
- Excellent leveling and fullness;
- Excellent pigment wettability and color spreading;

#### Applications

- It is used in vacuum plating medium and top coating for cell phones and cosmetics, as well as disposable UV color 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 (up to 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.**

