

## Product Manual(TDS)

### Urethane acrylate BW 8075

#### Product introduction

**BW 8075** is a solvent-based aliphatic polyurethane acrylate. It has the characteristics of good adhesion, good leveling, excellent yellowing and alkali resistance. It is mainly used in cell phone and cosmetic vacuum plating topcoat and medium paint, silver powder primer and plastic UV varnish, and after adding color essence, it still shows good adhesion and alkali resistance, and solve the defect of color dispersing.

#### Product characteristics

|                         |                          |                              |      |
|-------------------------|--------------------------|------------------------------|------|
| Functional              | 3.8                      | Hardness                     | -    |
| Active Ingredient (%)   | -                        | Proportion (25°C)            | 1.08 |
| Appearance (25°C)       | Clear transparent liquid | Shrinkage(%)                 | -    |
| Viscosity (cps at 25°C) | 3,000 - 4,000            | Refractive Index(nd at 25°C) | 1.49 |
| Color (APHA)            | ≤ 60                     | Elongation At Break (%)      | -    |
| Acid Value (mg KOH/g)   | 2.5 - 4.5                | Tensile Strength (MPa)       | -    |

- Good color additive and color spreading;
- Excellent adhesion;
- Excellent abrasion and alkali resistance;

#### Applications

- It is used in cell phone and cosmetic vacuum plating top and medium coating, silver powder primer and plastic UV varnish and plastic UV color paint.

#### 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.**

