

## Product Manual(TDS)

### Urethane acrylate BW 8673

#### Product introduction

**BW 8673** is a solvent-borne aliphatic polyurethane acrylate with excellent adhesion, pigment wetting and chemical resistance. It is mainly used in vacuum plating medium and top coatings, as well as one-time UV color paint, and shows good interlayer adhesion, wettability, and chemical resistance even after adding dark color essence.

#### Product characteristics

Functional	3.4	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.06
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	1500-2500	Refractive Index(nd at 25°C)	1.48
Color (APHA)	≤60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	7.0-9.0	Tensile Strength (MPa)	-

- Fast curing speed;
- Excellent adhesion to different substrates;
- Good chemical resistance;
- Excellent pigment wettability and color spreading;

#### Applications

- It is used in cell phone and cosmetic vacuum plating medium and top coating 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.**

