



## Product Manual(TDS)

### Urethane acrylate BW 8070C

#### Product introduction

**BW 8070C** a solvent-based aliphatic polyurethane acrylate. It has the characteristics of excellent foil stamping, good leveling, good metal adhesion, etc. It is mainly used in cosmetic package vacuum plating top coat, silver powder primer and plastic UV varnish, shows good interlayer adhesion even after adding color essence.

#### Product characteristics

Functional	3.2	Hardness	-
Active Ingredient (%)	-	Proportion (25°C)	1.05
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 25°C)	1400-2300	Refractive Index(nd at 25°C)	1.48
Color (APHA)	≤60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	4.0-6.0	Tensile Strength (MPa)	-

- Good leveling;
- Good resistance to boiling;
- Good adhesion to aluminum;
- Excellent foil stamping on the surface of the paint film;

#### Applications

- It is used in Vacuum-plated top coat for cosmetics package as well as silver powder primer, UV plastic varnish, UV plastic colored 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 (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.**

