



## Product Manual(TDS)

### Urethane acrylate BW 8094

#### Product introduction

**BW 8094** is an aliphatic polyurethane acrylate with good hardness, toughness and abrasion resistance. It is particularly suitable for UV-hardened coatings, plastic paints, furniture and parquet paints and inks. It provides high scratch resistance, excellent hardness and abrasion resistance.

#### Product characteristics

Functional	9	Hardness	-
Active Ingredient (%)	100%	Proportion (25°C)	1.18
Appearance (25°C)	Clear transparent liquid	Shrinkage(%)	-
Viscosity (cps at 60°C)	7000-15000	Refractive Index(nd at 25°C)	1.50
Color (APHA)	≤60	Elongation At Break (%)	-
Acid Value (mg KOH/g)	≤2	Tensile Strength (MPa)	-

- Good fullness;
- Excellent abrasion resistance;
- Fast curing speed;
- Good toughness and hardness;

#### Applications

- It is used in vacuum plating, UV coating of plastics, UV-hardening coatings, UV lacquers for furniture and parquet, UV inks, and etc.

#### 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.**

