

## Product Manual(TDS)

### Urethane acrylate BW 8295

#### Product introduction

**BW 8295** is an aliphatic polyurethane acrylate with high hardness, toughness and abrasion resistance. It is particularly suitable for vacuum plating, plastic, furniture and parquet lacquers as well as inks, providing excellent hardness, toughness and abrasion resistance as well as good resistance to yellowing.

#### Product characteristics

|                         |                          |                              |      |
|-------------------------|--------------------------|------------------------------|------|
| Functional              | 6                        | Hardness                     | -    |
| Active Ingredient (%)   | 100%                     | Proportion (25°C)            | 1.18 |
| Appearance (25°C)       | Transparent clear liquid | Shrinkage(%)                 | -    |
| Viscosity (cps at 40°C) | 13,000 - 28,000          | Refractive Index(nd at 25°C) | 1.50 |
| Color (APHA)            | ≤ 60                     | Elongation At Break (%)      | -    |
| Acid Value (mg KOH/g)   | ≤ 1                      | Tensile Strength (MPa)       | -    |

- High hardness and abrasion resistance;
- Fast curing speed;
- Good alkali and chemical resistance;
- Good toughness;

#### Applications

- It is used in vacuum plating, UV plastics spraying, UV lacquers for furniture and parquet, 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.**

