

## Product Manual(TDS)

### Urethane acrylate BW 8214

#### Product introduction

**BW 8214** is an aliphatic polyurethane double curing acrylate with hydroxyl groups. It is characterized by fast curing speed, good leveling and fullness, excellent boiling resistance and weather resistance, etc. It is mainly used for UV coating of automotive interiors and irregular surfaces, and provide good hardness, adhesive and excellent weather resistance.

#### Product characteristics

|                         |                          |                                  |      |
|-------------------------|--------------------------|----------------------------------|------|
| Functional              | 4                        | Hardness                         | -    |
| Active Ingredient (%)   | -                        | Proportion (25°C)                | 1.11 |
| Appearance (25°C)       | Transparent clear liquid | Shrinkage(%)                     | -    |
| Viscosity (cps at 25°C) | 10,000 - 35,000          | Refractive Index( $n_d$ at 25°C) | 1.49 |
| Color (APHA)            | $\leq 60$                | Elongation At Break (%)          | -    |
| Acid Value (mg KOH/g)   | 4.0 - 7.0                | Tensile Strength (MPa)           | -    |

- Good adhesion;
- Excellent chemical and weather resistance;
- Fast curing speed;
- Good Boiling resistance;

#### Applications

- It is used in UV coating for cell phones, automotive interiors and irregular surfaces.

#### 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.**

