

## Product Manual(TDS)

### Modified Epoxy Acrylate BW 6520

#### Product introduction

**BW 6520** is a modified epoxy acrylate with low color number, high leveling, good fullness, good chemical resistance, good adhesion and other characteristics. It is especially suitable for cosmetic plating primer, large area UV spraying of plastics, wooden ware and ink, etc. Provide high leveling and fullness to the paint film.

#### Product characteristics

|                         |                          |                                  |      |
|-------------------------|--------------------------|----------------------------------|------|
| Functional              | 2                        | Hardness                         | -    |
| Active Ingredient (%)   | 100%                     | Proportion (25°C)                | 1.23 |
| Appearance (25°C)       | Transparent clear liquid | Shrinkage(%)                     | -    |
| Viscosity (cps at 25°C) | 15,000 - 35,000          | Refractive Index( $n_d$ at 25°C) | -    |
| Color (APHA)            | ≤60                      | Elongation At Break (%)          | -    |
| Acid Value (mg KOH/g)   | -                        | Tensile Strength (MPa)           | -    |

- Good chemical resistance;
- Fast curing speed;
- Good wettability and oil resistance;
- High leveling and fullness;

#### Applications

- It is used in UV spraying of plastics (e.g. vacuum plating primer for cosmetics, shoe heels, wine bottles), UV wooden ware 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 (Maximum temperature 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.**

