



# **Solmer**

## **SOLTECH LTD.**

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## *Aliphatic Urethane Acrylate*

# **SU 542**

### Descriptions

SU 542 is a difunctional aliphatic urethane acrylate oligomer developed for UV/EB cure coating applications requiring excellent adhesion on difficult substrate, good toughness and non-yellowing properties.

### Features

- Good flexibility.
- Excellent adhesion on difficult substrate.
- Excellent durability.
- Good toughness and abrasion resistance.
- Non-yellowing.

### Specifications

- Viscosity (mPa.s, 60°C)	500 ~ 1,000
- Color ( Gardner )	2 Max
- Density ( g/cm <sup>3</sup> )	1.12
- Molecular weight	1,000
- Functionality	2
- Polymer solid % by weight	100

### Applications

- Method : spray, screen, roll and curtain coating.
- Substrate : plastics, wood, metal and paper.
- Clear coating for cork.
- Screen ink binder.
- Pigment coating for wood.
- Metal and plastic coatings.

### Handling

Storage :

Avoid continuous staying over than 40°C  
Handle with care and avoid unnecessary personal contact.

Avoid contact with eyes and prolonged or repeated skin contact.

Avoid continuous or repetitive breathing of dust.