



Solmer

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Aliphatic Urethane Acrylate

SU 511

Descriptions

SU 511 is a difunctional aliphatic urethane acrylate oligomer developed for UV/EB cure coating applications requiring good toughness, good adhesion on glass and plastics and non-yellowing properties.

Features

- Good flexibility.
- Good toughness.
- Good adhesion on glass and plastics.
- Low odor.
- Light color.
- Non-yellowing.

Specifications

- Viscosity (mPa.s, 60°C)	14,000 ~ 20,000
- Color (Gardner)	2 Max
- Density (g/cm ³)	1.16
- Molecular weight	1,400
- Functionality	2
- Polymer solid % by weight	100

Applications

- Method : spray, screen, roll and curtain coating.
- Substrate : glass, plastics such as PVC, ABS and etc.
- Plastics coatings.
- Wood flooring.
- Overprint varnishes.
- Screen inks.
- Light stable 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.