



# **Solmer**

## **SOLTECH LTD.**

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## *Aliphatic Urethane Acrylate*

# **SU 512**

## Descriptions

SU 512 is an aliphatic urethane diacrylate oligomer diluted with 15% of TPGDA monomer. Films of SU 512 cured by ultraviolet light (UV) or electron beam (EB) exhibit good abrasion resistance, flexibility, adhesion and exterior durability, as well as the non-yellowing properties typical of an aliphatic urethane.

## Features

- Good abrasion resistance.
- Good exterior durability.
- Good flexibility.
- Adhesion to various substrates.
- Non-yellowing.

## Specifications

- Viscosity (mPa.s, 60°C)	3,000 ~ 5,000
- Color ( Gardner )	3 Max
- Density ( g/cm <sup>3</sup> )	1.12
- Molecular weight	1,500
- Functionality	2
- Polymer solid % by weight	85
- TPGDA % by weight	15

## Applications

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

## 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.