



# **Solmer**

## **SOLTECH LTD.**

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## *Aliphatic Urethane Acrylate*

# **SU 588**

## Descriptions

SU 588 is an aliphatic urethane triacrylate oligomer diluted with approx. 10% of ethoxy-ethoxyethyl acrylate (EOEOEA). developed for UV/EB cure coating applications requiring excellent abrasion resistance, good toughness, fast cure response and the non-yellowing properties typical of an aliphatic urethane.

## Features

- Good toughness and flexibility.
- Light color and low odor.
- Fast cure response.
- Non-yellowing.

## Specifications

- Viscosity (mPa.s, 65°C)	8,000 ~ 12,000
- Color ( Gardner )	2 Max
- Density ( g/cm <sup>3</sup> )	1.07
- Molecular weight	1,700
- Functionality	3
- Polymer solid % by weight	90
- EOEOEA % by weight	10

## Applications

- Method : spray, screen,  
roll and curtain coating.
- Substrate : wood, plastics
- Wood top coats
- Coatings for rigid and flexible plastics
- Floor tile coatings
- Screen print inks and clear 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.