



# **Solmer**

## **SOLTECH LTD.**

368-2, SANMAKDONG, YANGSAN,  
KYOUNGNAM, 626-120, KOREA.

TEL : 82 55 387 6468  
FAX : 82 55 387 6470  
E-MAIL : [th.choi@uvpia.com](mailto:th.choi@uvpia.com)  
URL : <http://www.uvpia.com>

## *Aliphatic Urethane Acrylate*

# **SUA 5187**

### Descriptions

SUA 5187 is a hexa-functional aliphatic urethane acrylate oligomer with butyl acetate developed for UV cure coating applications requiring good adhesion on substrate, hardness and non-yellowing properties.

### Features

- Good abrasion and stain resistance.
- Tack free after butyl acetate evaporation.
- Good hardness and durability.
- Non-yellowing.

### Specifications

- Viscosity (mPa.s, 60°C)	1,300 ~ 3,000
- Color ( Gardner )	3 Max
- Density ( g/cm <sup>3</sup> )	1.05
- Functionality	6
- Polymer solid % by weight	72
- Butyl acetate % by weight	28

### Typical Properties

- Tg (°C)	60.3
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### Applications

- Method : spray, screen, roll and curtain coating.
- Substrate : plastics and wood.
- Plastics coating such as mobile phone.
- 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.