



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
URL : <http://www.uvpia.com>

Aliphatic Urethane Acrylate

SU 5225

Descriptions

SU 5225 is a di-functional aliphatic urethane acrylate oligomer with isobonyl acrylate monomer developed for UV/EB cure coating applications requiring excellent elongation, flexibility and durability properties.

Features

- High elongation.
- Excellent durability.
- Good toughness.
- Good flexibility.
- Non-yellowing.
- Good adhesion on difficult substrates.

Specifications

- Viscosity (mPa.s, 60°C)	20,000 ~ 50,000
- Color (Gardner)	3 Max
- Density (g/cm ³)	1.08
- Molecular weight	5,000
- Functionality	2
- Polymer solid % by weight	70
- IBXA % by weight	30

Applications

- Method : spray, screen, roll and curtain coating.
- Substrate : Wood, plastics, cork and metal.
- Clear coatings for cork.
- Pigment coatings 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.