



Solmer

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Aliphatic Urethane Acrylate

SWA 8040

Descriptions

SWA 8040 is a di-functional water based aliphatic urethane acrylate oligomer developed for UV/EB cure coating applications requiring water soluble system, good adhesion and non-yellowing properties.

Features

- Water soluble type.
- Good flexibility and toughness.
- Good adhesion on plastics.
- Non-yellowing.

Specifications

- Viscosity (mPa.s, 60°C)	Arppox.12,000
- Color (Gardner)	3 Max
- Density (g/cm ³)	1.06
- Functionality	2
- Polymer solid % by weight	80
- Water % by weight	20
- Tension strength	2,300 psi
- Tensile elongation(%)	160

Applications

- Method : spray, roll, dipping and curtain coating.
- Substrate : wood, paper, plastics.
- Wood flooring.
- Water based applications.

Viscosity with water dilution.

	Viscosity
Water 40%	1,400 mPa.s (25°C)
Water 50%	37 mPa.s (25°C)
Water 55%	14 mPa.s (25°C)
Water 60%	11 mPa.s (25°C)

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.