



Solmer

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Water based aliphatic Urethane Acrylate

SWA 8074M1

Descriptions

SWA 8074M1 is a multi-functional aliphatic urethane acrylate oligomer with water. This product is characterized by good hardness and good abrasion resistance properties.

Features

- Excellent hardness.
- Good water resistance after curing.
- Good chemical resistance.
- Excellent abrasion resistance(RCA).

Specifications

- Appearance	Milky liquid
- Viscosity (mPa.s, 60°C)	Approx 15,000
- Density (g/cm ³)	1.1
- Water content(%)	20

Applications

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

Viscosity with water dilution

H2O 20%	12,500 cPs(60°C)
H2O 30%	33,150 cPs(60°C)
H2O 40%	31,250 cPs(25°C)
H2O 50%	200 cPs(25°C)
H2O 60%	<100cPs(25°C)

*30~50% of water dilution need to be guided by manufacturer about stability.

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.