



# Solmer

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## Water based epoxy Acrylate

# SWA 8071

## Descriptions

SWA 8071 is a modified epoxy acrylate oligomer developed for UV/EB water based cure coating applications.

This product can be mixed with water up to 80% of the concentration and it is good for being used with other epoxy oligomers.

## Features

- Water dilutive type
- Good balance with hardness and flexibility
- Good toughness
- Good scratch resistance
- Good compatibility with other epoxy oligomers

## Specifications

- Viscosity (mPa.s, 60°C) Arppox. 34,000
- Color Yellowish color
- Density (g/cm<sup>3</sup>) 1.20
- Solid content(%) 100

## Applications

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

## Viscosity by water dilution

Water content	Viscosity(mPa.s.)
Water 20%	11,000(60°C)
Water 40%	1,300(60°C)
Water 60%	6,400(25°C)
Water 70%	25(25°C)

## Typical properties

- Water re-dilutive
- Curing condition : 100~200mJ/cm<sup>2</sup>  
\* 30 $\mu$ m thickness on glass tested
- Non yellowing
- Pencil hardness : HB(1kg)

## 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.