

## SOLURYL RW-116

Self-crosslink acrylic copolymer emulsion for use in water-based 1K wood coating

### Features

- Excellent Appearance
- Good Low Temperature Film Formation
- Good Hardness
- Good Water and Alcohol Resistance
- Compatibility with Soluryl Emulsions

### Typical properties

Properties	Specification
Appearance	Translucent emulsion
Molecular Weight	>200,000
Non Volatiles, wt%	39.5
Acid Number, mg KOH/g	28
Tg, °C	47
Density, g/ml	1.03
pH	8.3
Viscosity, cps (25°C, Brookfield)	100
Freeze/Thaw Stability	5 cycles

### Recommendation for end-use

- Universal coating for top, primer and sealer of wood substrate
  - To enhance the appearance such as gloss and transparency
  - To enhance the coating properties such as wettability and adhesion to substrate
  - To get the good film formation at low temperature about 5°C
  - Mix with Soluryl RW-114 to get better hardness
  - Use coalescent agents, Dipropylene glycol methyl ether and Dipropylene glycol n-butyl ether at a one-to-one ratio with about 6% on total formulation

### Safety information

Soluryl RW-116 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds. And raw materials for Soluryl RW-116 and our manufacturing process do not include any hazardous or regulated materials.