

## 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 Film Forming Property**
- 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.

The information given herein and other otherwise supplied to users is based on our general experience and where applicable, on the results of tests on samples of typical manufacture. However, because of the many factors which are outside knowledge and control, which can effect the use of these products, users must rely on their own judgment and we cannot accept liability for any injury, loss or damage resulting from reliance upon such information.