

SOLURYL RW-116

Self-crosslink Acrylic Copolymer Emulsion for use in Water-based 1K Wood Coatings

Features

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

Typical Properties

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

Compatibility of Soluryl RW-116

Soluryl RW-116 emulsion is compatible with a wide range of other acrylics. Dilution with glycols, glycol ethers and alcohols is excellent. It is advisable to pre-mix solvents before adding to the polymer to avoid any possible "solvent shock".

Recommendation for end-use

Universal coating for top, primer and sealer of wood substrate

Formulation Tip

Soluryl RW-116 emulsion has good film forming property at low temperature about 5 °C. When making the film at low temperature, it is advisable to 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.