

SOLURYL RW-117

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

Features

- Excellent Low Temperature Film Formation
- Good Hardness
- Good Water and Alcohol Resistance
- Good Film Forming Property
- Easy to sand-ability
- Compatibility with Soluryl Emulsions

Typical properties

Properties	Specification
Appearance	Translucent emulsion
Molecular Weight	>200,000
Non Volatiles, wt%	41.0
Acid Number, mg KOH/g	23
Tg, °C	42
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 get the excellent film formation at low temperature about 5°C
 - ✓ Mix with Soluryl Solutions to enhance gloss and wettability
 - ✓ Mix with Soluryl RW-114 to get better hardness
 - ✓ Use coalescent agents, Dipropylene glycol methyl ether (DPM) and Dipropylene glycol n-butyl ether (DPnB) at a one-to-one ratio with about 6% on total formulation

Safety information

Soluryl RW-117 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds. And raw materials for Soluryl RW-117 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.