

SOLURYL RW-842

Self-crosslink Acrylic Copolymer Emulsion for Water-based Products

Features

- Good Appearance such as gloss and fullness any conditions
- Good Hardness
- Good Chemical Resistance
- Good Compatibility with any coalescent agent and additives
- Good Freeze/Thaw Stability

Typical Properties

Appearance	Translucent emulsion
Molecular Weight	> 200,000
Non Volatiles, wt%	41.0
Acid Number, mgKOH/g	22
Tg, °C	38
Density, g/ml	1.03
pH	8.8
Viscosity, cps, (25°C, Brookfield)	100
Freeze/Thaw Stability	5 cycles

Compatibility of Soluryl RW-842

Soluryl RW-842 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

Coating and let down vehicle for good balance of appearance, resistance and hardness

Formulation Tip

Soluryl RW-842 emulsion has good appearance and resistance. 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-842 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds. And raw materials for Soluryl RW-842 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.