

SOLURYL RV-4965

RV-4965 is a modified Acryl-styrene Copolymer for use in Water-based Calender Overprint Vanish

Features

- Anti-block property
- Good heat resistance
- High gloss
- Good film forming property

Typical Properties

Appearance	Translucent emulsion
Molecular Weight	>200,000
Non Volatiles, wt%	45.5
Acid Number, mgKOH/g	75
Tg, °C	65
Density, g/ml	1.04
pH	8.5
Viscosity, cps, (25 °C, Brookfield)	500
Freeze/Thaw Stability	5 cycles

Compatibility of Soluryl RV-4965

Soluryl RV-4965 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

- Overprint vanishes for calender coating
- Paper coating and Let down vehicle for heat resistance

Formulation for calender OPV

Ingredients	Anti-block	Remarks
RV-4965	52	
S-120 Solution	28	30% ammonia
Wetting agent	1	
Releasing agent	0.1	Silicon type
Defoamer	0.5	
Emulsion Wax	3	
Water/Alcohol	15.4	
Total	100	pH 8.5, Solids 34%

Safety Information

Soluryl RV-4965 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds. And raw materials for Soluryl RV-4965 and our manufacturing process do not include any hazardous or regulated materials.