



Selvol™ Polyvinyl Alcohol Application Support

Dedicated Paper Laboratory

Sekisui sells a wide range of Selvol Polyvinyl Alcohol products to the paper industry for use in a large variety of applications. To support our customers in the paper industry, Sekisui Specialty Chemicals maintains a fully staffed, dedicated Paper R&D Lab and Technical Support Team.



Paper Application Lab

- ▶ Well-equipped paper lab for product screening and customer grade development
- ▶ Selvol product formulation, custom blending and co-polymer test work for client specific needs
- ▶ Field support expertise for application startup and troubleshooting
- ▶ Analytical and practical paper chemical expertise
- ▶ Selvol feed equipment design, installation and start-up support through a third party partnership.

Selvol PVOH Product Applications

Stickies Control
Dry and Wet Strength
Clear Sizing
Pigmented Sizing
Ink Jet Papers
Optical Brightener Carrier
Oil and Grease Resistance
Fluorochemical Carrier
Silicone Holdout
Backside Linting Control
Cobinder

Paper Applications Laboratory Equipment

Coating Applications	Surface Sizing Applications
Cowles Dissolver (high shear coating preparation)	Steam Baths (cooking starch, PVOH, protein solutions)
Microwave Solids Oven (coating solids measurement)	Dixon Coater (conventional and metering size press)
Viscometers (RVD and LVD coating measurement)	CTH Room (TAPPI standard testing environment)
Hercules High Sheer Rheometer (rhenology study)	Cobb Tester (water absorption)
AAGWR (water retention meter)	Caliper Tester (paper and board thickness)
Dixon Coater Trailing Blade (0-200 fpm testing possible)	Turpentine and Kit Test (grease resistance)
IGT Printer and Inking Unit (coating surface strength)	Contact Angle Tester (surface wet ability / absorbency)
Technidyne Brightness Meter (optical testing)	Mechanical Properties
75° Gloss Meter (surface gloss)	Hercules Size Tester (ink resistance)
Parker Print-Surf (surface roughness)	Gurley Porosity (air passage resistance)
Ink Rub (abrasion resistance)	MIT Tester (folding endurance)
	Mullen Burst Tester (bursting strength)
	Instron Tensile Tester (tensile strength)

The Sekisui Paper Applications Team offers technology, expertise and service.

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All chemicals may present unknown health hazards and should be used with caution. Although certain hazards may be described in this publication, we cannot guarantee that these are the only hazards that exist.

Users of any chemical should satisfy themselves by independent investigation of current scientific and medical knowledge that the material can be used safely. In addition, no certification or claim is made as to the status, under any law or regulation, including but not limited to the toxic Su either the chemicals discussed above or any subsequent polymerization or reaction products that result from a formulation containing them.

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 2011-PVOH-1080

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