

SOLVIT[®] M100

Photopolymer Plate Solvent



Low Odor Solvent Processes Sheet Photopolymer Plates Faster and Cleaner

MacDermid Solvit[®] M100 is a low odor washout solution developed to improve productivity and the working environment in the plate room. Plates wash faster and cleaner with deep reverses and crisp detail. Faster drying times produce press ready plates more quickly. In addition to helping its users breathe easier, Solvit M100 helps keep the inside of the plate processor cleaner, reducing polymer build-up.

Solvit M100 is the result of over 15-years of evolutionary development using patented components to create a state-of-the-art solvent with low environmental impact. It dries plates to their original gauges faster than other washout solutions, improving production speed. Solvit M100 is also more efficient and cost effective to use as it does not require balancing after use and distillation recovery.

For washout systems that improve productivity and process better plates, count on the company that innovates with you in mind - **MacDermid**.



KEY FEATURES & BENEFITS

- Low odor
- No balancing, easier to use
- Washes plates cleaner with deeper reverses
- Reduces polymer build-up inside processors
- No heating required

Elevate Your Print to the Next Level



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TECHNICAL SPECIFICATIONS

Appearance & Color	Clear liquid
Density (lb/gal@25 °C)	6.9
Evaporation Rate (n-BuAc=1)	0.1 (est.)
Flash Point (°F, TCC)	147 (64°C)
Initial Boiling Point (°F)	378 (192°C)
Odor	Light & Mild Solvent Odor
pH of Water Solution	Neutral
Solubility in Water	4 wt% (approx.)
Specific gravity (25°C)	0.86
Vapor Density (air=1)	5.93
VOC Content (g/liter)	834 @ 77°F (25°C)

Typical Process Conditions

CALIPHER	WASH (secs)	DRY (mins)	TOTAL (mins)
.045	150-190	45-65	48-63
.067	180-220	55-75	58-79
.107	225-265	80-100	84-105
.125	305-345	100-140	105-146
.155	360-440	100-140	106-148
.250	800-900	125-175	140-190

* Actual processing times may vary based on plate composition.

Washout Solution Viscosity Reference Chart

% SOLIDS	FLOW IN SECS	CPS
	#1 Zahn Cup	centipoises measured @ 77±1° (24C)
0.00%	33.82	5.302
1.00%	34.84	6.424
2.00%	35.85	7.535
3.00%	36.79	8.569
4.00%	38.70	10.670
5.00%	41.93	14.223
6.00%	45.98	18.678

* Target for most plate processors 3.5% - 4.0% maximum solids

APPLICATIONS

Solvit M100 is designed to process sheet photopolymer plate material through conventional inline and rotary processors. It can be used with digital or analog plates in any market application.

WASH & DRY TIMES

