

SOLVIT[®] LO

Photopolymer Plate Solvent



Low Odor Solvent Processes Sheet Photopolymer Plates Faster and Cleaner

MacDermid Solvit[®] LO 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 LO helps keep the inside of the plate processor cleaner, reducing polymer build-up.

Solvit LO 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 LO 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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SOLVIT[®] LO

Photopolymer Plate Solvent

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 | 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

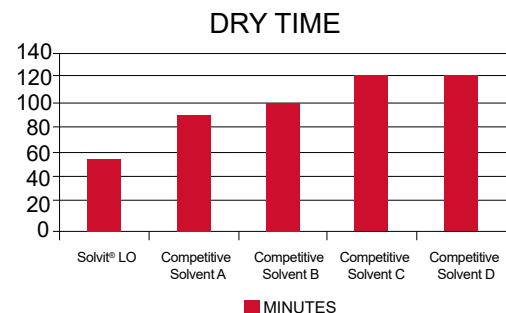
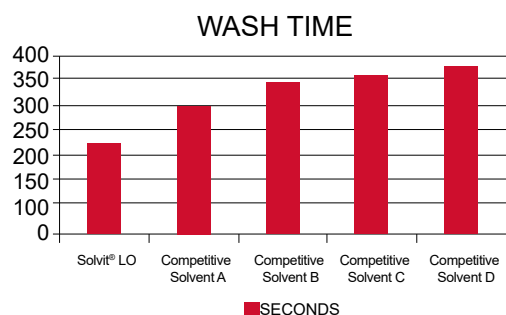
| % SOLIDS | FLOW IN SECS | | CPS |
|----------|--------------|------------------------------------|--------|
| | #1 Zahn Cup | centipoises measured @ 77±1° (24C) | |
| 0.00% | 33.82 | | 5.302 |
| 1.00% | 34.84 | | 6.424 |
| 2.00% | 35.85 | | 7.535 |
| 3.00% | 36.79 | | 8.569 |
| 4.00% | 38.70 | | 10.670 |
| 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 LO 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



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