



ABI

Chemical Milling Maskants



WICHITA STATE
UNIVERSITY
NATIONAL INSTITUTE
FOR AVIATION RESEARCH



ABI Chemical Plant in Newton Kansas

Quantities Available

- 5 gallon pails
- 55 gallon steel drums
- Custom totes
- Bulk trailers in excess of 5,000 gallons

ABI Chemicals – Next Generation Maskant Platforms

Maskant	Solvent System	VOC Exempt	Spray	Dip	Brush
ABI-ECL-40000 Series	Toluene		✓	✓	✓
ABI-ECL-50000 Series	Oxsol 100	✓	✓	✓	✓
ABI-ECL-60000 Series Non-Flammable	Perchloro-ethylene	✓	✓	✓	✓

ABI-ECL-40000, -50000 and -60000 Systems are designed to be applied to clad and bare aluminum substrates when first received as well as titanium substrates. Parts may then be formed, aged at temperatures in air or up to 350°F, stretched, bonded, routed, drilled, and countersunk. ABI-ECL-40000, -50000 and -60000 series products resist the solutions used in the chemical milling and bonding processes, including phosphoric anodizing. The above Systems perform equally well in both the 250°F and 350°F bonding processes and are designed to withstand outdoor storage when exposed to direct sunlight for 30 days.

ABI-ECL-30000 Series Coatings are designed to provide peelable protective films on substrates during transportation and storage.

Line Sealers are also available