

<h2>801-9000</h2>	<h2>100% Solids Reactive Diluent</h2>												
<h3>Description</h3>	<p>CHEMPOL[®] 801-9000 is a 100% solids reactive diluent for use in long oil and urethane alkyd formulations. It is based on CCP's unique sucrose ester technology which provides high crosslink density at low molecular weight. This combination offers fast positive dry at low VOC content. CHEMPOL[®] 801-9000 will allow the formulator maximum flexibility to modify long and medium oil alkyds to meet the most demanding low VOC requirements for architectural and industrial enamels.</p>												
<h3>Performance Characteristics</h3>	<ul style="list-style-type: none"> • Highly hydrophobic • High crosslink density, provides solvent and water resistance • Excellent compatibility with long, medium and urethane alkyds • Provides excellent flow and leveling • Will not detract from oxidative dry when used with metallic driers 												
<h3>Recommendations for Use</h3>	<ul style="list-style-type: none"> • Architectural Interior/Exterior enamels • Wood and Concrete Stains • Water Proofer • Marine Enamels 												
<h3>Sales Specifications</h3>	<table border="1"> <tr> <td>% Solids</td> <td>100</td> </tr> <tr> <td>Viscosity GH, as Supplied</td> <td>W-Y</td> </tr> <tr> <td>Reduced Viscosity, 75% in Mineral Spirits</td> <td>A-D</td> </tr> <tr> <td>Acid Value (max), on Solids</td> <td>6</td> </tr> <tr> <td>Color (max), GH</td> <td>7</td> </tr> <tr> <td>Wt/gal, lb/gal.</td> <td>8.05-8.25</td> </tr> </table>	% Solids	100	Viscosity GH, as Supplied	W-Y	Reduced Viscosity, 75% in Mineral Spirits	A-D	Acid Value (max), on Solids	6	Color (max), GH	7	Wt/gal, lb/gal.	8.05-8.25
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<h3>Storage</h3>	<p>CHEMPOL[®] 801-9000 should be stored indoors in the original unopened container at temperatures between 40 °F and 100 °F. Exposure to direct sunlight should be avoided. Under proper storage conditions, the shelf life will be 1 year from date of manufacture. Material safety data sheet is available on request</p>												

CHEMPOL® 801-9000

Long Oil Alkyd

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Dry Characteristics as Clear Film (1.5. mil wet on glass):

Drier Content (% metal based on polymer solids):

- 0.07% Co
- 0.1% Ca
- 0.2% Zr
- 0.6% Activ-8
- 0.2% Anti-skinning Agent

- Set: 2:20
- 200 g Zapon: 4:15
- 500 g Zapon: 5:00
- Dry Hard: 5:30

Compatibility with Other Film Formers and Solvent:

%801-9000 in: (based on resin solids)		10	20	30	40	50	60
801-1070	Long Oil Alkyd	C	C	C	C	C	C
801-4100	MPS Long Oil Alkyd	C	C	C	C	C	C
801-4460	MPS Long Oil Alkyd	C	C	C	C	C	C
801-6005	Long Oil Alkyd	C	C	C	C	C	C
802-0106*	Medium Oil Alkyd	C	C	C	SI	I	
812-2204*	HS Phenolic Alkyd	C	I				
813-1604	HS Acrylic Alkyd	SI	I				
813-1905	VT Alkyd	C	SI	I			
816-0136	HS Epoxy Ester	I					
816-1403	Epoxy Ester	I					
818-0094	Urethane Alkyd	C	C	C	C	C	C
818-0237	HS Urethane Oil	C	C	C	C	C	C

*Although clear, viscosity was not reduced in combination with these products

% 801-9000 in: (% NV in solvent)	90	80	70	60	50
Xylene	C	C	C	C	C
MIBK	C	C	C	C	C
n-Butyl Acetate	C	C	C	C	C
Aromatic 100	C	C	C	C	C
n-Butyl Alcohol	C	C	c	I	
Oxsol 100	C	C	C	C	C
Acetone	C	C	C	C	C
t-Butyl Acetate	C	C	C	C	C



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