

# CHEMPOL® 801-6005

Flexible Long Oil Alkyd

## Product Benefits

CHEMPOL® 801-6005 is a flexible long oil alkyd developed for exterior paint and varnish systems requiring maximum extensibility and resistance to age embrittlement when applied to wood. Excellent resistance to checking and cracking along with excellent durability and gloss retention are key features of finishes based on this resin.

Offered by Cray Valley as Synolac® 6005W.

## Performance Benefits

- High degree of elasticity g tolerates the natural movement of wood without checking, cracking or loss of adhesion
- Controlled moisture vapour permeability
- Maintains integrity even after 4 years Florida exposure

## Recommendations for Use

- Wood – Primer Coatings and Gloss Topcoats
- Wood – Varnish and Varnish Stains
- Wood g Sealer

## Typical Properties\*\*

%Solids	65 ± 2 **
Solvent	Mineral Spirits 33.3 Xylene 1.7
Viscosity GH, as Supplied	Y – Z1
Reduced, 50% in Mineral Spirits	I - L
Weight/Gallon (lbs)	7.8 ± 0.1
Acid Value (max), on Solids	10
Color (max), GH	7
Hydroxyl Number, on Solids	59*

## Other Properties

Drier Recommendation:

0.05% Cobalt

0.15% Calcium

0.20% Zirconium

\* Typical value  
\*\* ASTM 2369

## Product Safety

Before handling the materials listed in this bulletin, read and understand the product MSDS (Material Safety Data Sheet) for additional information on personal protective equipment and for safety, health and environmental information. For environmental, safety and toxicological information, contact our Customer Service Department at 1-866-837-5532 to find an MSDS, or visit our web site: [www.arkemacoatingresins.com](http://www.arkemacoatingresins.com)

No chemical should be used as or in a food, drug, medical device, or cosmetic, or in a product or process in which it may contact a food, drug, medical device, or cosmetic until the user has determined the suitability and legality of the use. Since government regulations and use conditions are subject to change, it is the user's responsibility to determine that this information is appropriate and suitable under current, applicable laws and regulations.

Arkema Coating Resins requests that the customer read, understand and comply with the information contained in this publication and the current MSDS(s). The customer should furnish the information in this publication to its employees, contractors, and customers, or any other users of the product(s), and request that they do the same.

## Storage and Handling

Follow procedures typically recommended for polymer dispersions. Use corrosion-resistant storage tanks and piping. Air-operated diaphragm pumps are preferred. Avoid temperature extremes. Do not freeze; store between 5°-30°C.



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