CHEMPOL® 809-3132

Chain Stopped Medium Oil Alkyd

Product Benefits

CHEMPOL® 809-3132 is a Soya/DCO-based high solids chain stopped short oil alkyd.

Performance Benefits

- Fast surface dry
- Good early water spot resistance
- Excellent Florida gloss retention
- May be forced dried
- Excellent resin for alkyd 2K urethane coatings

Recommendations for Use

- Agricultural and Heavy Equipment coatings
- Transportation finishes
- General Industrial metal
- Machinery Enamels

Typical Properties

% Solids	75 ± 1 **
Solvent	Xylene
Viscosity GH, as Supplied	Z3 – Z5
Reduced, 60% in Xylene	J - L
Weight/Gallon (lbs)	8.8 ± 0.1*
Acid Value (max), on Solution	10*
Color (max), GH	8
Hydroxyl Number, on Solids	64*
OH eq. wt. on solids	876

Other Properties

HAPS free version CHEMPOL® 809-3145	MAK solvent

* Typical value
** ASTM 2369

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Curing Information

Air dry - 1.5 mil wet film*

* % metal on resin solids (aged 15 hours)

Set to touch	15 - 30 min.	Cobalt	0.05
Dry hard	3 - 4 hours	Calcium	0.05
Dry through	6 - 8 hours	Zirconium	0.20

Force dry - 3.0 mil wet film on cold rolled steel

Suggested Schedules: 20 mins. / 165ºF

10 mins. / 180ºF

Solubility Information

Percent solids to which CHEMPOL® 809-3132 may be reduced before a definite haze develops.

Solvent	Solids, WT.%
Xylene	< 5
n-Butyl acetate	< 5
MAK	< 5

Documentation

TSR4610.001	Modification with Desmodur® N-75 isocyanate
TSR4610.002	Modification with Hydrocarbon Reactive Diluents
TSR4610.003	Modification with Phenolic Alkyd CHEMPOL® 812-2204
TSR4610.004	Modification with COROC® 317-3201 Thermoplastic Acrylic
TSR4610.006	Drier study in White gloss enamel
SSF 809-3132-E	Gloss Inorganic Yellow Enamel
SSF 809-3132-F	Gloss Inorganic Yellow, thermoplastic acrylic modified
SSF 809-3132-G	Gloss Inorganic Yellow, hydrocarbon modified
SSF 809-3132-H	Gloss Inorganic Yellow, high build
SSF 809-3132-I	Acrylic modified Buff Primer
SSF 809-3132-J	Gloss Gray Enamel
SSF 809-3132-L	Gloss Agricultural Red Enamel
SSF 809-3132-M	Gloss White Enamel

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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

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.

CHEMPOL® 809-3132 is recommended to be stored below 85ºF. Under proper storage conditions, it is capable of storage for at least 1 year.

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