

TECHNICAL DATA SHEET

SYNOLAC® 8151 S 80 (Formerly CHEMPOL® 809-3351)

Medium oil alkyd

PRODUCT APPLICATION DETAILS

SYNOLAC® 8151 S 80 is a high solids soya-based chain stopped medium oil alkyd, that offers good flexibility and good compatibility with short oil alkyds. Low VOC capable (340g/L) railcar and structural steel coatings

SALES SPECIFICATIONS

| | CHARACTERISTICS | METHODS |
|--|---------------------|---------|
| Solid content | 80 % | - |
| Viscosity | Z4-Z6 Gardner Holdt | - |
| Reduced viscosity (60% in n-Butyl Acetate) | D-F | - |
| Color | 8 Gardner | - |
| Acid value | 10 mg KOH/g | - |

OTHER CHARACTERISTICS¹

| | CHARACTERISTICS | METHODS |
|----------------------------|------------------------------|---------|
| Solvent | n-Butyl acetate/Xylene 85/15 | - |
| Density | 8.9 lbs/gal | - |
| Hydroxyl content | 3.2 % | - |
| Hydroxyl equivalent weight | 534 | - |
| Hydroxyl number | 105 | - |

¹The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications

MARKETS & APPLICATIONS

Coatings & Inks

- Industrial Coating
 - Automotive - OEM

PERFORMANCE BENEFITS

- Low VOC ~ 340 grams / liter
- Good pigment wetting characteristics
- Good color and gloss retention
- Good flexibility and exterior durability

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FORMULATION GUIDELINES

RECOMMENDATIONS OF USE

Agricultural coatings
Structural steel coatings
Railcar coatings
High solids grind vehicle
Blending resin with (chain stopped) short oil alkyds

PRODUCT SAFETY

Please refer to the corresponding Safety Data Sheet.

STORAGE AND HANDLING

SYNOLAC® 8151 S 80 - Packaged products should be stored in a dry indoor location. The material should be stored in the original, unopened and undamaged container at storage temperatures not exceeding 85° F (30° C). Exposure to direct sunlight should be avoided. For assistance with the best practices for bulk shipment storage and handling contact Arkema.

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Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/global/en/products/product-safety/disclaimer/> which is incorporated herein by reference and made a part hereof.

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