



*Polynt Composites USA ... Delivering high-quality coating resin technologies & solutions since 1947!*

## Duramac 51-5110 Chain-Stopped Medium Oil Alkyd Resin

|                                    |   |                                |
|------------------------------------|---|--------------------------------|
| <b>Description</b>                 | Duramac 51-5110 is a chain-stopped medium oil alkyd resin. Manufactured in North America. All components of this product are listed on the DSL.   |                                |
| <b>Features</b>                    | <ul style="list-style-type: none"> <li>▪ Excellent weatherability</li> <li>▪ Well suited for high gloss, durable exterior coatings</li> <li>▪ Fast dry to tape times</li> <li>▪ Gives excellent high gloss and full film appearance</li> <li>▪ Meets EPA regulations</li> </ul> |                                |
| <b>Performance Benefits</b>        | <ul style="list-style-type: none"> <li>▪ Excellent adhesion</li> <li>▪ Excellent flexibility</li> <li>▪ Good pigment wetting</li> </ul>   |                                |
| <b>Typical Physical Properties</b> | % Nonvolatile weight  | 50.0                           |
|                                    | % Nonvolatile volume*   | 41.3                           |
|                                    | Specific gravity  | 0.92                           |
|                                    | Density (lbs/gal)   | 7.70                           |
|                                    | Viscosity (Gardner-Holdt)   | Z <sub>4</sub> -Z <sub>6</sub> |
|                                    | Reduced viscosity @ 35% in mineral spirits (Gardner-Holdt)  | S-V                            |
|                                    | Color maximum (Gardner)   | 6                              |
|                                    | Acid number maximum (solids)  | 12                             |
|                                    | Flash point* (°F)   | 113                            |
| <b>Other Properties</b>            | Appearance  | Clear amber                    |
|                                    | Oil type  | Soya                           |
|                                    | Solvent type  | Mineral spirits, PM acetate    |

\*Theoretical values are listed. Actual values may vary depending on test method and coating composition.

### Duramac 51-5110

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