



## **4653-V-50 ROSIN MODIFIED ALKYD**

**4653-V-50 ROSIN MODIFIED ALKYD** is a fast drying rosin modified alkyd supplied at 50% non-volatile in VM&P Naphtha. This product can be used for fast drying, low cost enamels and primers.

### **SOLUTION PROPERTIES:**

Non-volatile by weight	50 ± 1%
Non-volatile by volume	40 ± 1%
Weight per gallon @ 25°C	7.45 ± 0.10 pounds
Viscosity @ 25°C	Z – Z <sub>3</sub>
Reduced Viscosity (40% N.V. in Mineral Spirits)	G – I
Color (Gardner)	10 maximum
Solvent	Rule 66 VM&P Naphtha
Flash Point (SETA)	56°F

### **SOLID RESIN PROPERTIES:**

Phthalic Anhydride	Present
Oil Type	TOFA
Oil Length	Medium
Rosin	Present
Acid Value	17 maximum

### **DRIER RECOMMENDATION (% METAL BASED ON RESIN SOLIDS):**

0.03	-	0.08% Cobalt
0.1	-	0.2% Zirconium

### **FILM PROPERTIES:<sup>1</sup>**

Pencil Hardness	2B
Adhesion to Steel (crosscut adhesion test)	Excellent
Flexibility (one inch mandrel)	Fail
Water Immersion (24 Hrs. @ room temp.)	No softening; slight loss in gloss
Gasoline Resistance (30 Minutes)	Slight softening
Humidity Test (100 Hours)	No softening, straining; slight surface wrinkle

<sup>1</sup>Test coating – white enamel, pigment/binder ratio of 50/50 by weight. Cured seven (7) days at room temperature.  
Dry film thickness: 2.5 – 3.0 mils.

5/27/04

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While the information contained herein is deemed accurate, it is intended as a guide only and property values and ranges listed above should be regarded as typical values and should not be construed either as a product specification or as a guaranteed analysis for any specific lot of the product. All guarantees/warranties and other terms existing are exclusively contained in the Company's invoices and are effective only upon purchase of products.

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