



**4870-M-70 ALKYD RESIN**

**4870-M-70 ALKYD RESIN** is a general purpose resin for use in architectural, structural steel, machinery primers, and enamels. Except for its higher-as-received and reduced viscosity, it meets all of the requirements of TT-T-266D, Type I, Class A alkyd resin.

**SOLUTION PROPERTIES:**

Non-volatile by weight	70 ± 1%
Non-volatile by volume	63 ± 1%
Weight per gallon @ 25°C	8.0 ± 0.10 pounds
Viscosity @ 25°C	Z <sub>5</sub> - Z <sub>7</sub>
Reduced Viscosity (50% non-volatile in n-butanol)	60 ± 5 seconds
Flash Point (Seta)	104°F
Color, Gardner	8 maximum
Appearance	Clear amber liquid
Solvent	Exempt Mineral Spirits
Cure	Air Dry
Tack free time @ 20°C	3-4 hours

**SOLID RESIN PROPERTIES:**

Phthalic Anhydride	23% minimum
Oil Type	Mixed Drying
Oil Length	Long
Acid Value	10 Maximum

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

0.05	-	0.08% Cobalt
0.15	-	0.20% Calcium
0.15	-	2.25% Zirconium

**VINYL COMPATIBILITY:**

4870-M-70 is compatible with Vinylite Resin VAGH when tested according to TT-R-266D, paragraph 4.2.13.6.

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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.