



### **4977-SP-70 WATER REDUCIBLE ALKYD RESIN**

**4977-SP-70 WATER REDUCIBLE ALKYD RESIN** is an economical general purpose water reducible alkyd resin. This product can be cured with UF or melamine type cross linking resins. 4977-SP-70 gives fast cure response and an excellent combination of film properties. UF resin or 10-28% melamine can be used depending upon the type of crosslinker used. With Cymel 303/Resimene 747 type melamines, a 23/77 ratio of melamine/alkyd resin solids gives an ideal combination of film properties.

#### **SOLUTION PROPERTIES:**

Non-volatile by weight	70 ± 1%
Non-volatile by volume	65 ± 1%
Weight per gallon @ 25°C	8.70 ± 0.10 pounds
Viscosity @ 25°C	Z <sub>4</sub> – Z <sub>6</sub> <sup>+</sup>
Flash Point (Seta)	96°F
Color (Gardner)	8 max
Solvent(s) present	sec-butanol/n-propoxy propanol/glycol ether DPM
Cure Type	Bake/Force dry

#### **SOLID RESIN PROPERTIES:**

Phthalic Anhydride	None
Oil Type	Oxidizing
Oil Length	Short
Acid Value	44 – 51
Modifier(s)	None
OH Equivalent Weight	~360

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

0.07	-	0.01% Cobalt
0.05	-	0.12% Zirconium

4/13/00

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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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