



Resin for Enamels and Primers

Description : ETERKYD 3106-X-70 is a short soya alkyd resin primarily for use in primers and colored enamels.

Performance : • Provides film durability and resistance suitable for most normal applications.
• Good sanding property for primers.
• Contributes adhesion, flexibility, gloss and durability to nitrocellulose lacquers.

Suggested Uses : General-purpose wood primers and finishes, particularly for primers where fast dry, harness and good sanding property are important

SPECIFICATIONS

Percent Solids, $\pm 1.0\%$	70.0
Solvent	Xylene
Viscosity (Gardner-Holdt, 25°C)	X-Z1(60%)
Acid Value (mg KOH/g, solid)	10 max
Color (Gardner)	5 max (60%)
Appearance	Clear & clean

SUGGESTED FORMULATIONS

1. Polyurethane primer :

A. Component

	<u>PBW</u>
ETERKYD 3106-X-70	100.0
Zinc Stearate	10.0
Toluene	30.0
Ethyl Acetate	20.0
Butyl Acetate	<u>20.0</u>
Total	180.0

B. Component

	<u>PBW</u>
Desmodur L-75 (Bayer)	50.0
Toluene	5.0
Butyl Acetate	<u>5.0</u>
Total	60.0

C. Thinner

	<u>PBW</u>
Toluene	10.0
Xylene	30.0
Ethyl Acetate	10.0
Butyl Acetate	30.0
Cellosolve Acetate	<u>20.0</u>
Total	100.0

Formulation Ratio : A/B = 3/1 , NCO/OH = 1/1

II. Lacquer Finish :

	<u>PBW</u>
1/4 Sec. Nitrocellulose	14.5
Toluene	30.6
Isobutanol	6.6
Ethyl Acetate	10.2
MIBK	13.6
Castor oil	2.0
DBP	2.2
ETERKYD 3106-X-70	14.3
Maleic resin	<u>6.0</u>
Total	100.0

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