



TECHNICAL DATA
ETERKYD 3755-X-80
SYNTHETIC FATTY ACID
ALKYD RESIN

ETERNAL CHEMICAL CO., LTD.

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Synthetic Fatty Acid Alkyd Resin for Polyurethane Coatings

Description:

ETERKYD 3755-X-80 ... is a short, synthetic fatty acid alkyd resin designed for premium quality polyurethane coatings, having superior color and color retention properties.

Performance:

Excellent color and color retention.
Excellent gloss and gloss retention.
Excellent adhesion.
Excellent stain resistance.

Suggested Uses:

ETERKYD 3755-X-80 is recommended for quality clear varnish and colored enamels for use on cabinets, furniture and appliances.

SPECIFICATIONS

| | |
|---------------------------------------|------------------|
| Color (Apha) | 60 Max. |
| Viscosity (Gardner-Holdt at 25°C,70%) | W - Z |
| Viscosity (No.4/6 RPM at 25°C) | 26,000~46,000CPS |
| Acid Value (mg KOH/g, solid) | 12 Max |
| OH Value (mg KOH/g.solid) | 150±15. |
| Percent, Solids (±1%) | 80 |
| Solvent | Xylol/BAC |

SUGGESTED FORMULATION

I . Clear Top Finish

| A. Component | <u>PBW</u> |
|-------------------------|------------|
| ETERKYD 3755-X-80 | 49.0 |
| Toluol | 15.0 |
| Ethyl Acetate | 15.0 |
| Xylol | 10.0 |
| Butyl Acetate | 10.0 |
| Byk 301 (10% in Toluol) | <u>1.0</u> |
| Total | 100.0 |

| B. Component | <u>PBW</u> |
|-----------------------|-------------|
| Desmodur L-75 (Bayer) | 64.0 |
| Toluol | 11.0 |
| Butyl Acetate | <u>25.0</u> |
| Total | 100.0 |

Formulation Ratio : A/B = 2/1 , NCO/OH = 1/1

| Thinner | <u>PBW</u> |
|--------------------|-------------|
| Toluol | 10.0 |
| Xylol | 30.0 |
| Ethyl Acetate | 10.0 |
| Butyl Acetate | 30.0 |
| Cellosolve Acetate | <u>20.0</u> |
| Total | 100.0 |

II . White Enamel

| A. Component | <u>PBW</u> |
|---|------------|
| ETERKYD 3755-X-80 | 58.0 |
| Tio2 | 78.0 |
| Xylol | 22.0 |
| ----- Dispersed by three rolloer mill ----- | |
| ETERKYD 3755-X-80 | 40.0 |
| Xylol | 20.0 |
| Butyl Acetate | 40.0 |
| Toluol | 20.0 |
| Ethyl Acetate | 10.0 |
| Cellosolve Acetate | 10.0 |
| Byk 301 (10% in Toluol) | <u>2.0</u> |
| Total | 300.0 |

| B. Component | <u>PBW</u> |
|-----------------------|-------------|
| Desmodur L-75 (Bayer) | 64.0 |
| Toluol | 11.0 |
| Butyl Acetate | <u>25.0</u> |
| Total | 100.0 |

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

| Thinner | <u>PBW</u> |
|--------------------|-------------|
| Toluol | 10.0 |
| Xylol | 30.0 |
| Ethyl Acetate | 10.0 |
| Butyl Acetate | 30.0 |
| Cellosolve Acetate | <u>20.0</u> |
| Total | 100.0 |

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use. Our responsibility for claims arising from breach of warranty, negligence, or otherwise is limited to the purchase price of the material.