



# REPLAKYD-515-100%

## TECHNICAL DATA SHEET

**R-515** Long Linseed Alkyd (100%)

### PRODUCT DETAILS

**Product Description:**

Long Linseed Alkyd Resin  
Based On Linseed / Penta / Phthalic

**Form of Supply:**

As 100% Solids

**Oil Length:**

64%

**Solid Content (120degC / 1Hr.):**

99± 1%

**Viscosity @ 32°C on FC/B4 of**

**50% Soln. In M.T.:**

105-140 Secs

**Drying Characteristics:**

Lead 0.5%, Cobalt 0.05%, Calcium 0.1%  
on the Metal to Resin Solids

**Surface Dry:**

1Hr. Max

**Tack Free Dry:**

5Hrs Max

**Hard Dry:**

O/N

**Color on G-Scale (50%in M.T.):**

7 Max

**Clarity:**

Clear

**Acid Value (mg of KOH / gm):**

10 Max

**M.T. Tolerance:**

Infinite

### STORAGE

Storage stability of **R-515**(100) at or below temperature 35oC packed in original container can withstand up to 12 months.

### DILUTION

Soluble in mineral turpentine, xylene, toluene, n-butanol, Cello solve.  
Insoluble in methyl and ethyl alcohols.

### GENERAL PERFORMANCE

**R- 515** is a long Linseed Alkyd having excellent gloss and gloss retention properties coupled with good flow and levelling properties.  
Good adhesion on Metals, Wood and Paper.  
Ideal Resin for the High gloss enamels in the dark shades.

### PIGMENTS

The pigments should be inert (Inorganic/Organic) & moisture free to get better properties.

### SUGGESTED USES

High Quality Glossy Enamels, Furniture Finishes, Glossy Varnishes.  
Not recommended for the White and the Light Shades Enamels.  
Compatible with the Rosin Modified Phenolic, Oil Soluble Maleic Resins, Ester Gum, Drying Oils and the Oil Soluble Pure Phenolic.