RESINS & PLASTICS LTD.

REPLAKYD-513

TECHNICAL DATA SHEET

R-513 Long Oil Oxidising Alkyd

PRODUCT DETAILS

Oil Content :
66%

Type of Alkyd:
Linseed / Penta / Phthalic Anhydride

Color on 'Gardner' Scale (50% in M.T.O) :
6 Max

Viscosity at 30°C on F.C. B-4(50% in M.T.O) :
55 – 65 secs

Acid Value (mgms, KOH/gm.) :
10 Max

Non-Volatiles (1200C / 1Hrs.) :
99 ± 1%

M.T.Tolerance :
Infinite

GENERAL PERFORMANCE

DRIERS
Cobalt : 0.05%
Lead : 0.50%

(As metal content on solid resin basis)

AIR DRYING

Surface Dry : 1 hour
Tack Free : 4-5 hours
Hard Dry : 8-10 hours

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 Phenolics, Oil Soluable Maleic Resins, Ester Gum, Drying Oils and the Oil Soluable Pure Phenolics.

STORAGE

Storage stability of **R-513**(100,60)at or below temperature 35oC packed in original container can withstand up to 12 months.

DILUTION

Soluable in mineral turpentine, xylene,toluene, n-butanol,cellosolve.
Insoluable in methyl and ethyl alcohols

GENERAL PERFORMANCE

R-513 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.

Note :- The information given on this leaflet is based on our laboratory experimental work and is correct to the best of our knowledge. We are not responsible for any loss, injury or damage resulting from the use of this information.

Indications regarding dilution & other processing features are strictly meant as a guide for the paint