



REPLAKYD-591

TECHNICAL DATA SHEET

R-591 Acrylated Fast Air Drying Alkyd (60% in Xylene.)

PRODUCT DETAILS

Product Description: Acrylic Modified	Color On G-Scale (As Such) 8 Max
Form of Supply: As 60% Solution in Xylene	Clarity: Clear
Oil Length: 29 %	Acid Value (mg of KOH / gm): 10 Max
Solid Content (120°C / 1Hr.): 60 ± 2 %	Xylene tolerance: Infinite
Viscosity @ 25°C as such on G-Scale: 22.7-34 Ps	Finish on Hegmann gauge: 7

Presence of any bits on spreading 40% sol: Should be absent in xylene on Glass plate

Air Drying Properties,

DFT- around 30 microns

Driers Added—Cobalt 0.05% on the Metal to Resin solids basis

Thinner Used- Xylene

Surface Dry : 5 – 8 mts

Tack Free Dry : 1 Hr.Max

Hard Dry : 3 – 4 Hrs.

SUGGESTED USES

- 1) Industrial enamels where quick drying, hardness of the film, and good water /chemical resistance is required
- 2) Excellent film properties are observed when forced dried at 80-90°C

STORAGE

Storage stability of **R-591** at or below temperature 35°C packed in original container can withstand up to 12 months.

DILUTION

Soluble in xylene, toluene, Cello solve Acetate. M.T.
Tolerance: Nil
Insoluble in Butanol and Cello solve.

GENERAL PERFORMANCE

Not compatible with the long, medium and short oil Alkyds
Applications in Industrial coatings where quick drying, chemical and water resistance, good film hardness and the mechanical strength is desired.

PIGMENTS

The pigments should be inert and free from any impurities.