



REPLAKRYL-946

TECHNICAL DATA SHEET

R-946 is acrylic polyol used for topcoat and pigmented coat for auto refinish and for industrial coating application.

SALIENT FEATURES OF THIS ACRYLIC RESIN ARE

Excellent Color
Excellent gloss.
Excellent gloss retention
Excellent mechanical and chemical resistance.
Excellent UV resistance

GENERAL CHARACTERISTICS

Form of supply

Xylene: MPA

Color on Scale

1 Max.

Clarity

Clear

Viscosity of 60% at 25°C. On 'G'Scale

17 - 36 Ps

%Nonvolatile at 150°C. /30mts.

60 ± 2 %

Hydroxyl Value

85 – 95

Acid Value (mg, KOH/gm):

6 Max.

Specific

gravity:

1.02

STORAGE

At temperatures up to 25°C storage stability packed in original containers amounts up to 12 months
Upon long term exposure to temperatures below 10°C, **R-946M** may get cloudy and may show some crystallization.

SOLUBILITY

R-946M is soluble in aromatic hydrocarbons, esters and ketones. The resin has limited solubility in aliphatic hydrocarbons and alcohols.

COMPATIBILITY

R-946M compatible with variety of film formers viz cellulose ester, CAB, vinyl resin.

RECOMMENDATIONS FOR USE

R-946M is recommended for clear or pigmented coatings for following application.

- Metal Coating
- Metallizing over lacquers
- Aircraft interior coatings
- For good exterior durability
- U. V. protection and scratch resistance for polycarbonate glazing