

# REPLAKRYL-951

## TECHNICAL DATA SHEET

**R-951** is acrylic polyol used for the preparation of metallic basecoat and for industrial coating.

### SALIENT FEATURES OF THIS ACRYLIC RESIN ARE

Excellent Color  
Excellent gloss and D.O.I.  
Excellent gloss retention  
Excellent mechanical and chemical resistance.  
Good water resistance  
Good UV resistance  
Good corrosion resistance

### GENERAL CHARACTERISTICS

**Form of supply**

Xylene : Bu-Acetate

**Color on Scale**

1 Max.

**Clarity**

Clear

**Viscosity at 25°C. on 'G' Scale(as such)**

27 - 46 Ps

**%Non Volatiles at 150°C./30mts.**

60 ± 2 %

**Hydroxyl Value**

90 – 110

**Acid Value (mg, KOH/gm)**

5 Max.

### 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-951** may get cloudy and may show some crystallization.

### SOLUBILITY

**R-951** is soluble in aromatic hydrocarbons, esters and ketones. The resin has limited solubility in aliphatic hydrocarbons and alcohols.

### COMPATIBILITY

**R-951** is compatible with variety of film formers viz cellulose ester, vinyl resin, resin.

### RECOMMENDATIONS FOR USE

**R-951** is recommended for clear or pigmented coatings for following application.

- Metal, Copper and Aluminium Substrate etc
- Metallising over lacquers
- Automotive topcoat
- For good exterior durability
- U.V. protection and scratch resistance for polycarbonate glazing