

# REPLAKRYL-941

## TECHNICAL DATA SHEET

**R-941** High Solids Acrylic Polyol Resin

### PRODUCT DETAILS

**Physical Appearance :**

Clear Colorless Solution

**Solid Content (30min. / 150°C) :**

70 ± 2%

**Viscosity @ 25°C (Gardner Scale) :**

98.5 to 148 Poise

**Hydroxyl Value (On solids) :**

72 – 81 (mg. of KOH per gm. sample)

**Acid Value :**

7 max.

### SUGGESTED USES

In combination with aliphatic or aromatic polyisocyanates **R-941** is suggested for air drying as well as forced drying two pack PU Coatings. The coatings can be used in interior coatings on metal furniture, agriculture equipments, Engg. Machinery, domestic appliances etc.

### FORMULATION & CURING

**R-941** can be cured with aliphatic or aromatic polyisocyanates & dried either at room temperature for forced drying at 90°C for 2 Hrs.

When cured with aliphatic polyisocyanates & dried at room temperature the use of catalyst like DBTL is strongly recommended.

**R-941** is compatible with R-930, R-940 & which can be used to promote the adhesion on metal or plastic surface.

### STORAGE

Storage stability of **R-941** at or below temperature 30°C packed in original container can withstand upto 12 months

### MIXING RATIO

For 100 gm. of **R-941** the required quantity of Replacure-171 is 23 gm or Replacure-152 is 28 gm.

### DILUTION

Following are the suitable diluents which should be moisture free;

Butyl Acetate, MIBK, 2-Methoxy Propyl Acetate, Cellosolve Acetate, Xylene, Solvent C-9 & their mixtures.

### PIGMENTS

The pigments should be inert & moisture free to get better properties.