

REPLAKRYL-932

TECHNICAL DATA SHEET

R-932 Acrylic Polyol Resin

PRODUCT DETAILS

Physical Appearance :

Clear Colorless Solution

Solid Content (30min. / 150°C) :

60 ± 2%

Viscosity @ 25°C (Gardner Scale) :

12 to 17 Poise

Hydroxyl Value (On solids) :

140 – 150 (mg. of KOH per gm. sample)

Acid Value :

12 max.

SUGGESTED USES

In combination with aliphatic or aromatic polyisocyanates **R-932** is suggested for air drying as well as forced drying two pack PU Coatings. The coatings can be used in Auto OEM or Auto refinishes coatings. Coatings based on R-932 have E-10 Gasohol resistance on metal surface.

FORMULATION & CURING

R-932 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.

This **R-932** is compatible with R-930 which can be used with optimum quantity to get better adhesion to metal or plastic surface.

STORAGE

Storage stability of **R-932** at or below temperature 30°C packed in original container can withstand upto 12 months

MIXING RATIO

For 100 gm. of **R-932** the required quantity of Replacure-171 is 40 gm. or Replacure-152 is 49 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.