

REPLAKRYL-923

TECHNICAL DATA SHEET

R-923 Thermosetting Acrylic Resin in mix Solvent

PRODUCT DETAILS

Physical Appearance :

Clear Colorless Solution

Solid Content (30min. / 150°C) :

60 ± 2%

Viscosity @ 25°C (Gardner Scale) :

10 to 17 Poise

Acid Value :

15 max.

SUGGESTED USES

In combination with amino resins **R-923** is suggested for backing finishes. It can be used in metal coatings, thermosetting inks for metal surface, 2K acid cured wood finishes.

FORMULATION & CURING

R-923 can be baked with R-5802, R-5803 & R-5804 melamine formaldehyde resins with the ratio of 75:25 or 80:20 based on solids.

The can be cured by backing at 120oC for 30 min. after providing proper flash off time.

Properties of **R-923** can be modified by adding optimized quantity of Replakryl-930 or epoxy resin solution.

STORAGE

Storage stability of **R-923** at or below temperature 30°C packed in original container can withstand upto 12 months

DILUTION

Following are the suitable diluents which should be moisture free;

mix-Xylene, Butanol, IPA, Butyl Cellosolve, Ethyl Cellosolve, Renine, Butyl Acetate, MIBK, 2-Methoxy Propyl Acetate, Cellosolve Acetate & their mixtures.

PIGMENTS

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