



TECHNICAL DATA SHEET

POLYOL AP 47053 BA

Hydroxy acrylic resin (Acrylic Polyol) - 4.2% OH

Features

- high build and High gloss
- Excellent fast dry
- Very good durability and weathering resistance
- No yellowing under UV-light
- Very good mechanical and adhesion properties
- Excellent chemical resistance
- high solid

Applications

- Auto OEM
- Automotive refinishing top coat & clear coat
- Pigmented top coat
- General Industrial
- Wood coating

Characteristics

• Solvent	Butyl Acetate
• Solid Content	70 ± 2%
• Hydroxyl content	4.2%
• Viscosity Gardner @25°C	Z2 - Z4
• Viscosity CP @25°C	5000
• Acid Value mg KOH/gm solid	10 max
• Color by Hazen	50 max

Recommendations

- To increase the drying speed it is recommended to add DBTL (Tin dibutyl dilyrate) in small amount (0.01-0.03%) or tert. amines (diethanolamine or dimethylethanol amine)
- Combination with aliphatic isocyanates doesn't present yellowing
- Combination with aromatic isocyanates present faster curing but with some yellowing
- The solvent have to be without water and without hydroxyl group like alcohols and glycols

Solubility Data

	Soluble	Limited	Insoluble
Aliphatic hydrocarbon	-	+	-
Aromatic	+	-	-
Solvent naphtha 100	+	-	-
Solvent naphtha 150	+	-	-
Alcohols	+	-	-
Esters	+	-	-
Ketons	+	-	-
Glycol-Ethers	+	-	-

DISCLAIMER

This information contained in the data sheet is to the best of our knowledge correct and up to date. Under well-defined conditions. Its accuracy or suitability under the actual conditions of any independent use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate, manufacturer and seller cannot accept any liability in connection with the use of the product relative to coverage, performance, injury, or damage, unless we specify in writing to do so. The information in this data sheet is subject to change without prior notice and it is the user responsibility to ensure it is current. For further information and advice please contact UCC Technical Service Department.



Compatability Data

	Compat.	Limited	Incompat.
Polyisocyanate resins	+	-	-
DOP, DBP and other phthalate	+	-	-
Nitrocellulose	+	-	-
Cellulose acetate butyrate	+	-	-
Acrylic Polyols	+	-	-

Delivery form details

It's available at 70% in Butyl Acetate

Storage Conditions

POLYOL AP 47053 BA Should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 5°C and 30°C Exposure to sun shine should be avoided.

Shelf Life

Under the above mentioned storage conditions the stability of POLYOL AP 47053BA will be 12 months ex-work

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