



## Acrylic Polyol Polyurethane Coating

ETERAC 73006-S-80 is a hydroxyl functional acrylic copolymer designed to crosslink at room temperature with polyisocyanate adducts. This resin has been primarily developed to produce two packs system for refinish and plastic coating with the following outstanding features.

- Weathering resistance
- High solid content & Low VOC
- Excellent adhesion
- High gloss
- Excellent pot life

### SPECIFICATION

Appearance	Clear / Clean
Color (Gardner 25°C)	<1
Viscosity (Gardner 25°C)	Z <sub>3</sub> - Z <sub>5</sub>
Solid Content, % (150°C x 30')	80 ± 1
Hydroxyl Value (mg KOH/g, solid)	70 ± 5
Acid Value (mg KOH/g, solid)	<6
Tg* (°C)	16
Solvent	Butyl acetate

\*Theoretical values are listed. Actual values may vary depending on test method and coating composition.

### SUGGESTED FORMULATION

## I. Clear Top Finish Formulation

<u>A. Component</u>	<u>PBW</u>
ETERAC 73006-S-80	67.0
Butyl Acetate	32.0
Byk 301 (10% in Toluol)	1.0

---

Total	100.0
-------	-------

<u>B. Component</u>	<u>PBW</u>
Desmodur N-3390	86.5
Butyl Acetate	13.5

---

Total	100.0
-------	-------

Formulation Ratio       $A/B = 3/1$   
                                  $NCO/OH = 1/1$

<u>Thinner</u>	<u>PBW</u>
Xylol	30.0
Toluol	35.0
Solvessol #100	10.0
Ethyl Acetate	10.0
Cellosolve Acetate	15.0

---

Total	100.0
-------	-------

## II. White Enamel formulation

### A. Component

	<u>PBW</u>
ETERAC 73006-S-80	56.0
TiO <sub>2</sub> (R-900)	64.0
Xylol	40.0
----- Dispersed by Three Roller -----	
ETERAC 73006-S-80	14.0
Xylol	24.0
Byk 301 (10% in Toluol)	2.0
<hr/>	
Total	200.0

### B. Component

	<u>PBW</u>
Desmodur N-3390	30.0
Toluol	85.0
Butyl Acetate	85.0
<hr/>	
Total	200.0

Formulation Ratio            A/B = 1/1

NCO/OH = 1/1

	<u>PBW</u>
Thinner	
Xylol	30.0
Toluol	35.0
Solvesso #100	10.0
Ethyl Acetate	10.0
Cellosolve Acetate	15.0
<hr/>	
Total	100.0

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use. Our responsibility for claims arising from breach of warranty, negligence, or otherwise is limited to the purchase price of the material.