

## JAU Direct Gloss Acrylic Urethane

### Background

JAU is a fast drying, two component, single stage acrylic urethane designed for today's automotive collision centers.

### JAU Acrylic Urethane

#### Color

JAU Direct Gloss Acrylic Urethane

#### Reducer

JR505 / JR5560 Fast (55°F-65°F), JR506 / JR5570 Medium (65°F-75°F), JR507 / JR5580 Slow (75°F-85°F), JR508 / JR5590 Very Slow (85°F-95°F)

#### Hardener

JH6670 Fast, JH6680 Medium, JH6690 Slow

### Compatible Substrates

Cleaned, sanded, cured, cleaned and sanded OEM and refinish coatings.

#### JAU may be applied over:

JP202 2K Primer Surfacer  
 JP205 Polyester Primer/Filler  
 JP215 Etch Primer\*  
 JP233 1K Acrylic Primer  
 JP285 2K Urethane Surfacer  
 JP301 Plastic Adhesion Promoter  
 JP315 1K Acrylic Sealer  
 JP354 2.1 VOC Multi Purpose Primer-White  
 JP355 2.1 VOC Multi Purpose Primer-Gray  
 JP356 2.1 VOC Multi Purpose Primer-Black  
 JP371 Epoxy Primer-White  
 JP375 Epoxy Primer-Gray  
 JP377 Epoxy Primer-Black  
 JP385 2K Sealer

\*Prime before topcoating

### Preparation

#### Surface cleaning

JX101 Wax and Grease Remover, JX992 Plastic Cleaner, SXA330 Wax and Grease Remover, SWX350 H<sub>2</sub>O-So-Clean.

#### Sanding

400 grit (machine or dry hand) or 500 grit (wet) on old finishes and primer Surfacer

### Mixing

#### Ratios

Standard



JAU	JR50x/JR55xx	JH66xx
4	: 1	: 1

Higher Solids



JAU	JR50x/JR55xx	JH66xx
4	: 1/2	: 1

**Potlife** 8 hours at 70°F (21°C)

**Tinting** JAU may be tinted up to 10% with J mixing bases

**Color/Clear** 1 part of RTS color can be mixed with up to 1 part RTS Shopline clear the last coat being sure to use the same hardener/thinner in both color and clear.

**Additives**

- JX993** Flex Additive, 10% to RTS quart
- JX994** Fisheye Eliminator, 1/2 oz. to RTS quart.
- JX995** Accelerator, 1oz. to RTS quart
- JX996** Accelerator, 1/2 oz. to RTS quart
- SU4985** Universal Matting Agent, see OneChoice Bulletin OC-2.

### Application

#### Coats



2 coats or until hiding

#### Air pressure



HVLP	8 - 10 psi at the air cap
Conventional	40 - 50 psi at the gun

#### Gun setup

1.4 - 1.6 mm or equivalent

### Dry Times

#### Between coats



5 - 10 minutes at 70°F (21°C)

#### Air dry



Dust:	45 min
Tack:	3 to 5 hours
Tape:	12 hours
Dry:	16 hours at 70°F (21°C) to polish and put into service.
Clear:	4-6 hours
Re-Coat:	Must be lightly sanded if more than 3 days before recoating

#### Force dry

30 minutes at 140°F (60°C), wait 8 hours to polish and put into service. JAU must be lightly scuffed before recoating.

#### IR

10 - 15 minutes

### Clean Up

Clean spray guns, gun cups, storage pots thoroughly with JR Reducer, JT501 General Purpose Solvent or other appropriate clean up solvent after each use. Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

### Properties

#### VOC

Package	4.50 lb/gal (539 gm/l)
Applied Less exempts	
4:1:1	5.00 lb./gal (599 gm/L) max.
4:1/2:1	5.00 lb./gal (599 gm/L) max.

#### Total dry film build

Applied (4:1:1) 2.0 – 2.5 mils

#### Square foot coverage at 1 mil

Applied (4:1:1) 478 - 562 sq.ft. / gal. @ 100% transfer

Applied (4:1/2:1) 582 - 624 sq.ft. / gal. @ 100% transfer

### Limitations

ShopLine JAU should not be combined with components of other product lines.

### Precautionary Information:

The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components, since the mixture will have the hazards of all its parts. Spray equipment must be handled with due care and in accordance with manufacturer's recommendations. Follow label directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

### Medical Response:

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320.

### Material Safety Data Sheet:

Material Data Safety Sheets for the PPG products mentioned in this publication are available through your PPG *Shop-Line* Distributor. To the best of our knowledge, the technical information in this bulletin is accurate; however, since PPG Industries is constantly improving its coating and paint formulas, the current technical data may vary somewhat from what was available when this bulletin was printed. Contact your *Shop-Line* Distributor for the most up-to-date information.