

JP301 Plastic Adhesion Promoter

Background

SHOP-LINE® JP301 is a one component, transparent product designed for use on bumpers and various automotive plastics to provide improved adhesion to these substrates prior to undercoating or top coating.

Components

Primer

JP301 Plastic Primer

Compatible Products

Can be applied over:

Cleaned and sanded plastic substrates
(except polyethylene)

Can be topcoated with:

JP202 2K Primer Surfacer
JP233 1K Acrylic Primer
JP37x Epoxy Primers
JP315 1K Acrylic Sealer
JP33x 2K Urethane Sealer
JBP *Shop-Line* Plus Acrylic Urethane Basecoat
JB Acrylic Basecoat
JAU Acrylic Urethane Direct Gloss
JE Acrylic Enamel
JE Acrylic Enamel / Activated

Preparation

Surface Cleaning:

JX992 Plastic Cleaner
SWX350 (H₂O-SO-CLEAN™)

Sanding

600 grit wet or dry or a gray abrasive pad (use a finer grit for softer plastics)

Mixing



Ratios

JP301 is Ready to Spray



Additives

None

Air Pressure and Gun Setup



HVLP:

8 - 10 psi at the air cap

Compliant:

29 - 40 psi at the gun

Gun Setup:

1.3 - 1.6 mm or equivalent

Note: For best overall results, refer to spraygun manufacturer's recommendations for inlet air pressures.

Application



Coats: 1 thin coat*

**Must be scuffed and re-applied if not over coated within 24 hours.*

Dry Times



Air Dry: 30 minutes at 70°F (21°C) to sand and topcoat



Recoat/Topcoat: 30 minutes
Must lightly scuff before recoating

Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with JR Reducer, JT501 General Purpose Solvent or another appropriate clean up solvent after each use.

Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

Properties

RTS Combinations	
Volume Ratio:	As is
Applicable Use Category	Adhesion Promoter
VOC Actual (g/L)	835
VOC Actual (lbs./gal)	6.97
VOC Regulatory (less water less exempt) (g/L)	835
VOC Regulatory (less water less exempt) (lbs./gal)	6.97
Density (g/L)	868
Density (lbs./gal)	7.24
Volatiles wt. %	96.2
Solids wt. %	3.8
Water wt. %	0.0
Exempt wt. %	0.0
Water vol. %	0.0
Exempt vol. %	0.0
Film build per coat	0.2 mil
Sq. Ft. Coverage / U.S. gal. 1 mil. @ 100% transfer efficiency	244



Limitations

Shop-Line products 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 of 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

See Material Safety Data Sheet and Labels for additional safety information and handling instructions.

Material Data Safety Sheets for the PPG products mentioned in this publication are available through your PPG *Shop-Line* brand 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* brand distributor or visit www.ppgrefinish.com for the most up-to-date information.

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