

HISTORIC / JBPX

JBPX SHOP-LINE® Plus 3.5 VOC Acrylic Urethane Basecoat / J136 Converter

This TDS is intended for historic JBPX formulas that are maintained in historic JBPX color match files. Historic JBPX color match formulas (which contain J136) must use JH6028 hardener in the ready to spray blend. See updated TDS if using intermix formulas with J179 - for formulas not found in historic files.

Background

SHOP-LINE® JBPX is a fast drying acrylic urethane basecoat designed for today's automotive collision centers. For VOC compliance, JBPX must be activated and top coated with a compliant *Shop-Line* clear coat.

Components

Color	Reducer	Hardener
JBPX <i>Shop-Line</i> Plus 3.5 VOC Acrylic Urethane Basecoat (J136 Converter)	JR554 Fast 55-65°F (13-18°C) JR555 Medium 65-75°F (18-24°C) JR556 Slow 75-85°F (24-29°C) JR557 Retarder 85-95°F (29-35°C)	JH6028 Low VOC Hardener

Compatible Products

Can be applied over:	Can be topcoated with:
Cleaned, cured and sanded OEM and refinish coatings JP390 2.1 VOC Epoxy Primer JP221 2.1 VOC 1K Primer Surfacer JP35x 2.1 VOC Multi-Purpose Primers JP36x 2.1 VOC Urethane Sealers	JC7100 2.1 VOC HS European Multi-Panel Clearcoat JC7200 2.1 VOC HS European Clearcoat JC780 2.1 Polyurethane Speed Clear JC781 2.1 Polyurethane High Gloss Clear JC830 2.1 VOC Production Clear

Preparation

Surface Cleaning:	Sanding
SXA330 Wax and Grease Remover SWX350 (H ₂ O-SO-CLEAN™) SX1009 2.9 VOC Bug and Tar Remover	400 Grit (machine or dry hand) or 500 Grit (wet) on old finishes and primer surfacers

Mixing



Standard:	JBPX	:	JR Reducer	:	JH6028
	10	:	10	:	1

Note: JBPX may be reduced with half the reducer to improve hiding. At the 10:5:1 ratio, the flash times between coats may be extended. For metallic and pearl colors, the 10:10:1 ratio should be used for the final coat to improve metallic control and orientation.



Pot Life: 8 hours at 70°F (21°C)

Tinting: JBPX color may be tinted up to 10% with *Shop-Line* mixing bases and equal parts J136 JBX converter.



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:	2 - 3 coats or until proper color is achieved
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Dry Times



Between Coats:	5 - 10 minutes at 70°F (21°C)
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Air Dry at 70°F (21°C):	Tape: 45 minutes
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Clear:	30 minutes minimum 24 hours maximum at 70°F (21°C) to clearcoat
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Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with JR reducers, JT571 0.21 VOC 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

VOC

Film build per coat

Applied	10 : 10 : 1	0.5 - 0.6 mils
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Square foot coverage at 1 mil

Applied	10 : 10 : 1	245 - 277 sq. ft. / gal. 100% transfer
Applied	10 : 5 : 1	322 - 364 sq. ft. / gal. 100% transfer

RTS Combinations:	JBPX (Package)	JBPX : JR55x : JH6028	JBPX : JR55x : JH6028
Volume Ratio:	N/A	10 : 10 : 1	10 : 5 : 1
Applicable Use Category	Color Coating	Color Coating	Color Coating
VOC Actual (g/L)	84 - 347	42 - 175	63 - 231
VOC Actual (lbs/gal)	0.70 - 2.90	0.35 - 1.46	0.47 - 1.93
VOC Regulatory (less water less exempt) (g/L)	211 - 484	180 - 417	182 - 417
VOC Regulatory (less water less exempt) (lbs/gal)	1.76 - 4.05	1.50 - 3.48	1.52 - 3.48
Density (g/L)	895 - 1184	1094 - 1267	1070 - 1231
Density (lbs/gal)	7.47 - 9.88	9.13 - 10.57	8.93 - 10.27
Volatiles wt. %	51.3 - 87.1	73.3 - 90.3	64.8 - 87.2
Solids wt. %	13.9 - 48.7	9.7 - 26.7	12.8 - 35.2
Water wt. %	0.0	0.0	0.0
Exempt wt. %	33.3 - 78.7	61.7 - 86.3	53.3 - 82.0
Water vol. %	0.0	0.0	0.0
Exempt vol. %	43.0 - 76.7	56.2 - 84.1	58.9 - 79.6



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 use. 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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