

JC70 2.1 VOC Universal Clearcoat

Background

SHOP-LINE® JC70 is a two component 4:1 Universal Clearcoat that is easy to apply and buff and works well in air dry or baking applications. Designed for use over solventborne basecoats, it delivers a high gloss finish and is an excellent value compared to similar priced clears.

JC70 2.1 VOC Universal Clearcoat

Clear

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Hardener

JH73 2.1 VOC Universal Spot Hardener

JH74 2.1 VOC Universal Overall Hardener

Compatible Substrates

Shop-Line Refinish Basecoats

Preparation

Allow basecoat color a minimum of 30 minutes and a maximum of 24 hours before clearing. After 24 hours the basecoat should be lightly sanded before applying JC70.

Mixing

Ratios



JC70 : JH73 / JH74
4 : 1



Pot life is 1 - 3 hours at 70°F (21°C)

Additives

SLV814 Flex Additive (see page 2)
SLV73 Fisheye Eliminator, ½ oz. to RTS quart
SLV4985 Universal Flattening Agent, see ONECHOICE® bulletin OC-7.

Application

Coats



2 - 3 coats

For optimum performance, final recommended film build is 2.0 - 2.5 mils

Air pressure



HVLP

10 psi at the air cap

Compliant

29 - 40 psi at the gun

Gun setup

1.3 - 1.5 mm or equivalent

Dry Times

Between coats



5 - 10 minutes at 70°F (21°C)

Air dry

With JH73



Dust: 15 - 20 minutes

Tack: 40 - 60 minutes

Tape: 6 - 8 hours

Air dry

With JH74



Dust: 20 - 30 minutes

Tack: 50 - 70 minutes

Tape: 6 - 8 hours

Polish: 6 - 8 hours at 70°F (21°C) to polish or to put into service.

Recoat: 8 hours or overnight at 70°F (21°C)

Must lightly scuff before recoating.

Force dry

30 minutes at 140°F (60°C), allow a cool down of 90 minutes to polish, put into service or recoat. Must lightly scuff before recoating.

IR (Infrared)

12 - 15 minutes

Clean Up

Clean spray guns, gun cups, storage pots thoroughly with JT571 0.21 VOC 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

Dry film build per coat

Applied (4:1) 1.0 - 1.5 mils

Square foot coverage at 1 mil

Applied (4:1) 401 - 409 sq. ft. / gal. @ 100% transfer

Properties

RTS Combinations:	JC70 : JH7x	JC70 : JH7x : SLV814
Volume Ratio:	4 : 1	4 : 1 :10%
Applicable Use Category	Clear Coating	Clear Coating
VOC Actual (g/L)	87	84
VOC Actual (lbs/gal)	0.73	0.71
VOC Regulatory (less water less exempt) (g/L)	249	238
VOC Regulatory (less water less exempt) (lbs/gal)	2.08	1.99
Density (g/L)	1125	1132
Density (lbs/gal)	9.39	9.45
Volatiles wt. %	74.8	74.7
Water wt. %	0.1	0.1
Exempt wt. %	66.9	67.2
Water vol. %	0.1	0.1
Exempt vol. %	64.7	64.6
Solids vol. %	25.0	25.5

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 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.

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