

JC70 2.1 VOC UNIVERSAL CLEARCOAT

Background

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

Automotive 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 See page 2
SLV73 0.5 oz to RTS quart
SLV4985 See OneChoice® Bulliten OC-7

Clean Up

Clean spray guns, gun cups, storage pots thoroughly with 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.

Application

Coats



2 - 3 coats

Air pressure



HVLP 8 - 10 psi at the air cap
Conventional 50 - 60 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 put into service.
Recoat: 8 hours or overnight at 70°F (21°C)

Force dry

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

IR (Infrared)

12 - 15 minutes

Properties

Film build per coat

Applied (4:1) 1.2 mils

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
Sq Ft. Coverage / U.S.gal. 1 mil. @ 100% transfer efficiency	401	409

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 *ShopLine™* 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 *ShopLine™* Distributor for the most up-to-date information.