

## MC760 2.1 VOC Universal Clear

### Background

OMNI® MC760 is a fast drying, two component 2.1 VOC universal clearcoat developed for production shops. It is designed for use in either crossdraft or downdraft spray booths. MC760 delivers very good gloss and DOI.

### Components

Clear	Hardener	Reducer
MC760 2.1 VOC Universal Clear	MH267 Overall Hardener MH268 High Temp Hardener	MR295 Medium 65-75°F (18-24° C) MR296 Slow 75-85°F (24-28° C)

### Compatible Products

#### Can be applied over:

MBPX *Omni* Plus 3.5 VOC Acrylic Urethane Basecoat  
MBX 3.5 VOC Acrylic Basecoat  
MTX 2.8 VOC Single Stage  
MLX 2.8 VOC Acrylic Enamel

### Preparation

Allow basecoat color to dry a minimum of 30 minutes and a maximum of 24 hours before clearing. After 24 hours the basecoat should be lightly sanded and reapplied before applying MC760

### Mixing



**Ratio:**  $\frac{\text{MC760}}{4} : \frac{\text{MH267/MH268}}{1} : \frac{\text{MR29x}}{1}$



**Pot Life:** 2 - 2.5 hours at 70°F (21°C)



**Additives:**

SLV4985	Universal Flattening Agent See ONECHOICE® product bulletin OC-7
SLV814	Universal Flexibilizer, 1 oz. to RTS quart
SLV73	Fisheye Eliminator, .5 oz. to RTS quart
SL93LV	Accelerator, 2% to RTS quart

### 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.

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## Application

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**Coats:**

2 - 3 medium wet coats

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

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## Dry Times

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**Between Coats:**

5 - 10 minutes at 70°F (21°C)

**Air Dry:**

Dust: 15 - 20 minutes

Tack: 40 - 60 minutes

Tape: 2 - 4 hours

**Force Dry:**

20 minutes at 140°F (60°C)

**IR:**

Medium wave 75% power for 30 minutes

**Polish:****Air Dry**

12 - 16 hours at 70°F (21°C) to polish and put into service

**Force Dry**

90 minutes to polish and put into service

**Recoat:****Air Dry**

12 - 16 hours at 70°F (21°C)

**Force Dry**

90 minutes cool down

Must lightly scuff before recoating

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## Clean Up

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Clean spray guns, gun cups, storage pots, etc., thoroughly with MR Reducer, MS151 Low 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.

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## Properties

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<b>Dry Film Build Per Coat</b>	Applied 4 : 1 : 1	1.2 mils
<b>Square foot coverage at 1 mil</b>	Applied 4 : 1 : 1	569 - 573 sq. ft. / gal. 100% transfer
	Applied 4 : 1 : 1 +1 oz.	411 - 459 sq. ft. / gal. 100% transfer

RTS Combinations:	MC760 : MH267/ MH268 : MR29X	MC760 : MH267/ MH268 : MR29X : SL93LV	MC760 : MH267/ MH268 : MR29X : SLV814	MC760 : MH267/ MH268 : MR29X : SLV4985
Volume Ratio:	4 : 1 : 1	4 : 1 : 1 + 2%	4 : 1 : 1 +1 oz.	FC01 - FC05
Applicable Use Category	Clear Coating	Clear Coating	Clear Coating (Flexed)	Clear Coating (Matt)
VOC Actual (g/L)	125 - 134	122 - 132	123 - 132	83 - 97
VOC Actual (lbs/gal)	1.05 - 1.12	1.02 - 1.10	1.03 - 1.10	.070 - 0.81
VOC Regulatory (less water less exempt) (g/L)	248 - 249	249	246 - 247	236 - 241
VOC Regulatory (less water less exempt) (lbs/gal)	2.07 - 2.08	2.08	2.05 - 2.06	1.97 - 2.01
Density (g/L)	1149 - 1180	1174 - 1176	1152 - 1182	1179 - 1220
Density (lbs/gal)	9.59 - 9.85	9.80 - 9.81	9.61 - 9.86	9.84 - 10.18
Volatiles wt. %	62.9 - 66.4	64.4 - 67.3	63.3 - 66.6	71.0 - 75.6
Water wt. %	0.0	0.0	0.0	0.0 - 0.0
Exempt wt. %	51.2 - 55.8	53.2 - 57.0	51.3 - 56.3	62.7 - 68.7
Water vol. %	0.0	0.0	0.0	0.0 - 0.0
Exempt vol. %	46.1 - 49.8	47.1 - 50.8	46.6 - 50.2	58.9 - 64.7
Solids vol. %	35.6 - 38.5	35.0 - 37.8	35.5 - 38.3	25.6 - 30.0
Solids wt. %	33.6 - 34.0	32.7 - 35.6	33.4 - 33.8	24.4 - 27.5

#### Limitations

*Omni* 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 Safety Data Sheet and Labels for additional safety information and handling instructions.**

Data Safety Sheets for the PPG products mentioned in this publication are available through your PPG *Omni* 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 *Omni* brand distributor or visit [www.ppgrefinish.com](http://www.ppgrefinish.com) for the most up-to-date information.

