

MC2910 2.1 VOC EUROPLUS™ Multi-Panel Clearcoat

Background

OMNI™ MC2910 2.1 VOC EUROPLUS™ Multi-Panel Clearcoat is designed for multi-panel or overall repair or where a high gloss finish is desired. MC2910 can be used with a choice of two hardeners depending on job size and/or temperature requirements.

Components

Clear

MC2910 2.1 VOC *EuroPlus* Multi-Panel Clearcoat

Hardener

MH2918 *EuroPlus* Multi-Panel Activator 65°F-85°F (18°C-29°C)

MH2919 *EuroPlus* Multi-Panel Activator High Temp 85°F+ (29°C+)

Compatible Products

Can be applied over:

MBPX *Omni Plus* 3.5 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 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 MC2910

Mixing



Ratio: $\frac{\text{MC2910}}{2} : \frac{\text{MH291X}}{1}$



Pot Life: 1.5 hours at 70°F (21°C)

Additives: SLV4985 Low VOC Universal Flattening Agent, refer to ONECHOICE® product bulletin OC-7.
 SLV814 Universal Flexiblizer (see page 2)
 SLV73 Fisheye Eliminator add 0.5 oz. RTS quart

Application



Coats : 2 - 3 medium wet coats
 For optimum performance, final recommended film build is 2.0 - 2.5 mils dry







Air Pressure and Gun Setup



HVLP: 8 - 10 psi at the air cap
Conventional: 45 - 55 psi at the gun
Compliant: 29 - 40 psi at the gun
Gun Setup: 1.3 - 1.6 mm or equivalent

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

Dry Times at 70°F (21°C)

	Between Coats	5 - 10 minutes		
	Air Dry	With MH2918	With MH2919	
		Dust:	45 - 65 minutes	2 - 3 hours
		Tack:	2 - 3 hours	6 - 7 hours
		Tape:	6 - 8 hours	6 - 8 hours
	Force Dry	30 minutes at 140°F (60°C)		
	Polish	Air Dry:	8 - 12 hours	
		Force Dry:	After Cool Down	
	Recoat	8 - 12 hours or overnight at 70°F (21°C)		
	Infrared (IR)	10 - 15 minutes, full power		

Clean Up

Clean spray guns, gun cups, storage pots thoroughly with MR Reducer or MS151 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

RTS Combinations	MC2910 : MH291x	MC2910 : MH291x : SLV814
Volume Ratio:	2 : 1	2 : 1 : 10%
Applicable Use Category	Clear Coating	Clear Coating (Flexed)
VOC Actual (g/L)	116 - 131	110 - 123
VOC Actual (lbs/gal)	0.97 - 1.09	0.92 - 1.03
VOC Regulatory (less water less exempt) (g/L)	216 - 234	210 - 226
VOC Regulatory (less water less exempt) (lbs/gal)	1.80 - 1.95	1.75 - 1.89
Density (g/L)	1183 - 1188	1188 - 1191
Density (lbs/gal)	9.87 - 9.91	9.91 - 9.94
Volatiles wt. %	60.8 - 61.7	62.0 - 62.8
Water wt. %	0.0	0.0
Exempt wt. %	49.8 - 51.9	51.7 - 53.6
Water vol. %	0.0	0.0
Exempt vol. %	43.9 - 46.0	45.8 - 47.6
Solids vol. %	40.2 - 40.5	39.4 - 39.7
Solids Weight %	38.3 - 39.2	37.1 - 38.0
Sq. Ft. Coverage / U.S. gal. 1 mil. @ 100% transfer efficiency	645 - 650	632 - 637

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 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 *Omni* brand distributor.

The PPG Logo, *EuroPlus*, *OneChoice*, and *Omni* are trademarks of PPG Industries Ohio, Inc.