

MC2980 2.1 VOC EUROPLUS® Clear

Background

OMNI® 2.1 VOC EUROPLUS® Clear is a two component, high solids clearcoat formulated to deliver a deep, high gloss premium appearance. It is a state of the art choice for delivering a high performance top-of-the-line finish and fast process times.

Components

Clear

MC2980 2.1 VOC *EuroPlus* Clear

Hardener

MH2981 2.1 VOC *EuroPlus* Activator - Fast
 MH2982 2.1 VOC *EuroPlus* Activator - Medium
 MH2983 2.1 VOC *EuroPlus* Activator - Slow

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 MC2980.

Mixing



Ratios:

MC2980	:	MH298X
2	:	1



Pot Life:

1 - 3 hours at 70°F (21°C)



Additives:

SLV814	Universal Flexibilizer add 10% to RTS quart
SLV4985	Universal Flattening Agent, see ONECHOICE® product bulletin OC-7
SLV73	Fishey Eliminator, 0.5 oz. 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.

Application



Coats: 2 - 3 medium wet coats

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

Dry Times



Between Coats: 5 - 10 minutes at 70°F (21°C)



Air Dry:

	With MH2981	With MH2982	With MH2983
Dust:	10 - 15 minutes	20 - 30 minutes	60 minutes
Tack:	40 - 60 minutes	2.5 hours	4.5 hours
Tape:	1 - 3 hours	3 - 4 hours	5 - 6 hours



Force Dry: 20 minutes at 140°F (60°C)



IR: 12 - 15 minutes



Polish:

Air Dry

12 hours or overnight at 70°F (21°C) to polish or to put into service

Force Dry

60 - 90 minutes cool down to polish and put in service



Recoat:

Air Dry

12 hours or overnight at 70°F (21°C)

Force Dry

60 - 90 minutes cool down to recoat

Must lightly scuff before recoating.

Clean Up

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.

Properties

Dry film build per coat

Applied (2:1) 1.0 - 1.5 mils

Square ft. coverage at 1 mil

584 - 592 sq. ft. gal. at 100% transfer

RTS Combinations:	MC2980 : MH298X	MC2980 : MH298X : SLV814
Volume Ratio:	2 : 1	2 : 1 : 10%
Applicable Use Category	Clear Coat	Clear Coat
VOC Actual (g/L)	123 - 128	116 - 120
VOC Actual (lbs./gal)	1.03 - 1.07	0.97 - 1.00
VOC Regulatory (less water less exempt) (g/L)	235 - 249	228 - 241
VOC Regulatory (less water less exempt) (lbs./gal)	1.96 - 2.08	1.90 - 2.01
Density (g/L)	1103 - 1111	1115 - 1122
Density (lbs./gal)	9.20 - 9.27	9.30 - 9.36
Volatiles wt. %	61.5 - 64.5	62.7 - 65.3
Water wt. %	0.0	0.0
Exempt wt. %	50.3 - 53.3	52.3 - 55.0
Water vol. %	0.0	0.0
Exempt vol. %	47.3 - 50.1	48.8 - 51.3
Solids vol. %	35.5 - 38.3	35.5 - 38.6
Solids wt. %	35.1 - 37.6	34.7 - 37.3

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 for the most up-to-date information.

