

MC203 Integrating Clear

Background

OMNI® MC203 is an Integrating Clear which when added to the final coat of activated MAE Acrylic Enamel color, will enhance its application, gloss and durability.

Components

Color	Hardener	Reducer
MC203 Integrating Clear	MH202 HG Hardener	MR486 Fast Enamel Reducer 55-65°F (13-18°C) MR487 Medium Enamel Reducer 65-75°F (18-24°C) MR488 Slow Enamel Reducer 75-85°F (24-29°C)

Compatible Products

Can be applied over:

Cured, cleaned and sanded OEM and refinish coatings
MP17x Epoxy Primers
MP178 Plastic Primer
MP281 1K Light Gray Primer Surfacer
MP182 2K Urethane Surfacer
MP282 High Build 2K Primer Surfacer
MP213 GP Sealer
MP23x Series 2K Urethane Sealers

If desired, a clearcoat can be applied to provide additional long term durability.

Can be topcoated with:

MC161 High Solids Urethane Clear
MC250 Urethane Clearcoat
MC260 Quick Clear
MC270 4.2 VOC Production Clear
MC2800 EUROPLUS® Speed Clear

Mixing



Ratios

MC203	:	MH202	:	MR48x
8	:	1	:	2



Pot Life:

8 hours

The above is then mixed at 1:1 with ready to spray MAE Acrylic Enamel.

Note: MAE must be mixed using the same hardener and thinner as used in the MC203 Mixture. MH101 hardener and MR18x reducers may be substituted for MH202 hardener and MR48X reducers however, better overall application and appearance will be achieved with the use of MH202 and MR48X.



Additives

MX194 Fisheye Eliminator

Up to 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



Mixed and applied in the final coat of MAE Acrylic Enamel

Dry Times



Between Coats: 5 - 10 minutes



Air Dry:

Dust:	10 minutes
Tack:	30 - 40 minutes
Tape:	4 hours



Force Dry: 30 minutes at 140°F (60°C)



IR: 10 - 15 minutes



Polish:

Air Dry	16 hours at 70°F (21°C) to polish and put into service
Force Dry	8 hours cool down to polish and put in service



Recoat:

Air Dry	16 hours at 70°F (21°C)
Force Dry	8 hours to recoat

Must lightly scuff before recoating.

Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with MR Reducer, MS251 Multi 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

VOC

Package	4.37 lb./gal. (524 gm/L)
Applied (1:1) with MAE color	<5.00 lb./gal. (599 gm/L) max

Film build per coat

Applied (1:1) with MAE color	0.8 - 1.2 mils
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Square foot coverage at 1 mil

Applied (1:1) with MAE color	497 sq. ft. / gal., at 100% transfer
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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.



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