



Gray Epoxy Primer

MPC199

6007SP

6007SP is a 3.5 lbs/gal VOC non-chromate surface pretreatment designed for direct application to properly prepared bare metal surfaces. It provides excellent corrosion protection and can be directly coated with Matthews topcoats.

Benefits

- 3.5 VOC product
- Non-chromate surface pretreatment
- Provides excellent corrosion protection
- Easy mix ratio

Products

- 6007SP 3.5 VOC Gray Epoxy Primer (Component A)
- 6207SP Gray Epoxy Hardener (Component B)

Compatible Surfaces

- Properly cleaned and sanded steel
- Properly cleaned and sanded carbon steel
- Properly cleaned and sanded galvanized steel
- Properly cleaned and sanded aluminum
- Previously painted surfaces with proper prep
- Body fillers
- Masonry
- Wood
- MAP®
- SATIN MAP®
- SVOC MAP®
- Ultra Low VOC Satin or Gloss

Surface Preparation

- Clean substrate using 45 330SP Speed Prep Cleaner, if permitted under VOC requirements (refer to MPC111 Technical Bulletin) or 6405SP Low VOC Cleaner (refer to MPC172 Technical Bulletin.)
- Sand the bare metal areas completely with 180 - 220 grit abrasive.
- Sand old finishes with 320 - 400 grit dry by hand or machine.
- Re-clean with 45 330SP Speed Prep Cleaner or 6405SP Low VOC Cleaner.
- Final wipe with a clean tack cloth to remove any residue. Surfaces must be dry before application of primer. Then apply primer.



Directions For Use



Mix Ratios (by volume):

6007SP : 6207SP : < 3.5 VOC Reducer Options: 6370SP (cool), 6371SP (warm), 6372SP (hot)

6 Parts : 1 Part : 3 Parts

Pot life @ 70°F / 50% RH.

- 6-8 hours
- High heat and humidity will shorten pot life.
- Mechanical agitation or plural component with static mixer.



Spray Set Up:

Air Pressure:	Conventional:	40-60 psi at the gun
	HVLP:	10 psi at the cap

Fluid Tip:	Conventional:	1.4-1.8 mm
	HVLP:	1.4-1.8 mm

Pressure Pot Set-Up:	Conventional:	1.0-1.4 mm with 8-12 fluid ounces/minute
	HVLP:	1.0-1.4 mm with 8-12 fluid ounces/minute



Application:

1 coat application



Spray Viscosity:

#2 EZ CUP22 Seconds +/- 5 sec.
#3 EZ CUP25 Seconds +/- 5 sec.

Directions For Use (Continued)



Drying Times:

Shop conditions and choice of hardener will affect dry times.

Dust-free.....77° F (25° C).....15 minutes
Tape Time77° F (25° C).....30 minutes
Overcoat/Recoat.....77° F (25° C).....45 minutes minimum
(Heat and humidity will shorten Overcoat/Recoat window)

Total Film Build:

DryMinimum 1.2 milsMaximum 2.0 mils
Wet.....Minimum 3.5 milsMaximum 5.5 mils

Theoretical Coverage:

475 sq. ft. per gallon per mil (6:1:3 reduction)

Equipment Cleaning:

- Clean equipment promptly with an all-purpose clean up solvent or any compliant general cleaner.
- Do not leave mixed material in equipment.

Performance Comments:

- For optimum performance, it is recommended that 6007SP be coated with a Matthews topcoat.
- We do NOT recommend the use of an epoxy primer over 6007SP.

Technical Data:

VOC (Packaged).....3.85 lbs/gal (using 6370SP)
Solids by Weight61.4 +/- 1.0%
Solids by Volume.....35.9 +/- 1.0%
Weight per Gallon.....11.53 +/- 0.25lbs
Flashpoint.....6°F (PM)

VOC (Ready-To-Spray)3.48 lbs/gal or 417 g/L
Less Water Less Exempts Designed to Meet Rules 1107 and 1113 for California

VOC (Ready-To-Spray)6.78 lbs/gal solid coating
By PA Code 129.52236.06 g/L coating solids

Health and Safety:

Please refer to Material Data Safety Sheets (MSDS) for full health safety details and storage regulations.

Important:

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. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

See Material Safety Data Sheet and Labels for additional safety information and handling instructions.

Emergency Medical or Spill Control Information:

US (412) 434-4515; CANADA (514) 645-1320; Mexico 01-800-00-21-400

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public. Products mentioned may be hazardous and should only be used according to directions, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to Matthews Paint. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does Matthews Paint warrant freedom from patent infringement in the use of any formula or process set forth herein. If you require technical assistance, please call us toll-free 800/323-6593.



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