



# Commercial Performance Coatings

## MPP SERIES PRIMERS

CPC 79

### Multiprime

PRODUCT DESCRIPTION			
MPP-807 PRIMER (RED OXIDE)			
MPP-951 PRIMER (White)			
TYPE: Alkyd			
RECOMMENDED USE: MPP Series Primers are recommended for industrial use on properly prepared surfaces. Applications include metal fabrication, castings, cabinets, machinery and heavy equipment.			
PHYSICAL CONSTANTS			
WEIGHT PER GALLON :	MPP-807	11.6 +/- 0.2 lbs	FLASH POINTS: MPP-807: 61°F (16°C) MPP-951 66°F (19°C)
	MPP-951	11.8 +/- 0.2 lbs	
PERCENT SOLIDS BY WEIGHT:	MPP-807	71.8 +/- 2.0%	VOC MPP-807 3.3 lbs/gallon MPP-951 3.2 lbs/gallon
	MPP-951	72.4 +/- 2.0%	
PERCENT SOLIDS BY VOLUME:	MPP-807	53.9 +/- 2%	SHELF LIFE: 3 years
	MPP-951	53.8 +/- 2%	
PERFORMANCE FEATURES			
Color:		Red Oxide / White	
Gloss @ 60° Angle: ASTM D523		Less than 25	
Adhesion: ASTM D3359		5B - Excellent	
Conical Mandrel: ASTM D5322		Pass	
Corrosion Resistance:		Good	
Topcoats:		ALK-200, ALK-300LG	
Above results obtained over iron phosphated Cold Rolled Steel panels			



SURFACE PREPARATION		
The surface to be coated must be sanded, free of all contamination, including dust, dirt, oil, grease and oxidation. Chemical treatment or the use of a conversion coating will improve the adhesion and performance properties of the finished coat.		
Metal	Recommended Topcoats	Direct To Properly Treated Substrate
Cold Rolled Steel	N/A	Excellent
Hot Rolled Steel	N/A	Excellent
Aluminum	N/A	Excellent
Plastic/Fiberglass	N/A	

APPLICATION DATA	
<b>MIXING DIRECTIONS</b> Stir thoroughly before and occasionally during use.	
<b>THINNING</b> IF REQUIRED, MAY BE THINNED 5% WITH ACETONE  <b>POT LIFE</b> N/A  <b>RECOMMENDED WET FILM BUILD</b> Spray Application: 5.8 – 7.8 mils  <b>RECOMMENDED DRY FILM BUILD</b> 3.0 – 4.0 mils  Film in excess or below these recommended film builds might cause problems such as, adhesion failure, pigment floatation, solvent popping, slow cure, and accelerated gloss and color failure.	<b>DRYING TIME</b> Air dry at 77°F  Dry to Touch: 15 minutes Dry to Handle: 20 - 30 minutes To Recoat: 20 - 30 minutes  Drying time listed may vary, depending upon film build and temperature.  Application of film thickness in excess of that recommended for this product will substantially extend dry time.  <b>BRUSH:</b> May be applied with a high quality natural bristle brush. <b>ROLL:</b> Roller application is not recommended.
<b>RECOMMENDED SPREADING RATE</b> 865 sq. ft. at 1.0 mil dry film per U.S. Coverage figures do not include losses due to mixing, transfer or application of coating or losses due to surface irregularities or porosity.  <b>CLEAN UP</b> Xylene or MEK  <b>APPLICATION PRECAUTIONS AND LIMITATIONS</b> Apply only when air, product or surface temperature is above 40°F. Recoat times less than 4 hours with alkyd finishes will lengthen the topcoat dry time. Recoat time may be extended for high solvent containing topcoat.	

Spray Application	Spray Equipment	Pressure Pot	Pressure (psi)	Atomizing Air (PSI)	Tip
Air Assisted Airless	Graco Alpha A.A. or equivalent	NA	1000 – 1500	20 – 30	.011 or .015

To the best of our knowledge, the technical information in this bulletin is accurate; however, since PPG Industries, Inc. is constantly improving its coatings and paint formulas, the current technical data may vary somewhat from what was available when this bulletin was printed. Contact your PPG Distributor for the most up-to-date information.

SAFETY
<p>These materials are designed for application only by professional, trained personnel, using proper equipment under controlled conditions and are not intended for sale to the general public.</p> <p>Safe application of paints and coatings requires knowledge of equipment materials and individual training. Directions and precautionary information on both equipment and products should be carefully read and strictly observed for personal safety and property protection. Consideration must be given to eliminate conditions, which may generate hazardous atmospheres during spray application or subject operators or bystanders to injury or illness. Special precautions must be taken when utilizing spray equipment, particularly airless equipment. High-pressure injection of coatings into the skin by airless equipment may cause serious injury requiring immediate medical attention at a hospital. Treatment advice may also be obtained from Poison Centers. Air quality should be maintained with adequate ventilation; applicators can achieve additional protection by wearing respirators and other protective garments such as gloves and overalls. In all cases, wear protective eye equipment. During the application of all coatings materials, all flames, welding and smoking must be prohibited. Explosion proof equipment must be used when coating these materials in confined areas.</p> <p><b>PRECAUTIONARY INFORMATION</b>            Before using the products listed herein, carefully read each product label and follow directions for its use. Please read and observe all warnings and precautionary information on all product labels. Prevent all contact with skin and eyes and breathing of vapors and spray mist. Repeated inhalation of high vapor concentrations may cause a series of progressive effects including irritation of the respiratory system, permanent brain and nervous system damage and possible unconsciousness and death in poorly ventilated areas. Eye watering, headaches, nausea, dizziness and loss of coordination are indications that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.            KEEP OUT OF THE REACH OF CHILDREN</p> <p><b>MEDICAL RESPONSE</b>            Emergency Medical or Spill Control Information (304) 843-1300. CANADA (514) 645 - 1320 Have label information available.</p> <p><b>MATERIAL SAFETY DATA SHEET</b>            Material Safety Data Sheets for the PPG products mentioned in this publication are available through your PPG Distributor.            FOR ADDITIONAL INFORMATION REGARDING THIS PRODUCT, SEE THE MSDS AND LABEL INFORMATION.</p>

**PPG Industries**  
**Commercial Coatings**  
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