



Commercial Performance Coatings

W44250

CPC 150

AutoPrime™ Low Gloss Black Waterbase Primer

PRODUCT DESCRIPTION	
W-44250 LOW GLOSS BLACK WATERBASE PRIMER	
TYPE: Waterborne Primer	
RECOMMENDED USE W44250 Waterbase Primer is a fast drying primer formulated to meet or exceed automotive OEM specifications for under-the-hood/underbody primers. It is lead and chrome-free and provides excellent corrosion protection. The cured film of this product is heat sensitive and should not be used on surfaces which are exposed to, or in contact with, a sustained source of heat measuring 200°F or higher. W44250 is not recommended for use with solvent-based topcoat systems.	
PHYSICAL CONSTANTS	
WEIGHT PER GALLON: 11.0 +/- 0.3 lbs.	FLASH POINTS:(ASTM D93) W44250 205°F (91.7°C)
PERCENT SOLIDS BY WEIGHT: 54.0 +/- 2.0%	VOC: 0.51 lbs/gallon (theoretical)
PERCENT SOLIDS BY VOLUME: 37.2 +/- 2.0%	SHELF LIFE: 6 months – unopened containers
PERFORMANCE FEATURES	
Color:	Black
Gloss @ 60° Angle:	10 maximum
Package Viscosity 77°F #3 EZ Zahn:	17 – 22 Seconds



SURFACE PREPARATION

The surface to be coated must be sanded, free of all contamination, including dust, dirt, oil, grease and oxidation and must be treated with an iron/zinc Phosphate treatment.

Metal	Direct to Properly Treated Substrate	Recommended Topcoats
Cold Rolled Steel	Excellent	Topcoat not recommended
Hot Rolled Steel	Excellent	Topcoat not recommended
Galvanized	Excellent	Topcoat not recommended
Aluminum	Excellent	Topcoat not recommended
Plastic/Fiberglass	N/A	

APPLICATION DATA

MIXING DIRECTIONS

This product dries quickly. Stir thoroughly before use and keep container covered when not in use. Do not allow paint to remain in the gun for long periods of time.

THINNING

Not recommended (<5% Water if necessary)

POT LIFE

N/A

RECOMMENDED WET FILM BUILD

Spray Application: 2.6 – 5.2 mils

RECOMMENDED DRY FILM BUILD

1.0 – 2.0 mils

Film in excess or below these recommended film builds might cause problems such as: adhesion failure, pigment floatation, solvent popping, and slow cure.

DRYING TIME

Air dry at 77°F

Dry to Handle: 20 – 30 minutes at 1.3 mils

To Recoat: 1 hour

Higher humidity will increase the Dry Time

Force Dry

Bake: 10 minutes @ 180°F (maximum)
(peak metal temperature)

Drying time listed may vary, depending upon film build, temperature.

Application of film thickness in excess of that recommended for this product will substantially extend dry time.

RECOMMENDED SPREADING RATE

596 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.

CLEAN UP

For proper maintenance, clean gun and tips frequently with water. If product is dried, use ketone to clean up followed by water rinse

APPLICATION PRECAUTIONS AND LIMITATIONS

Apply only when air, product or surface temperature is above 60°F (16°C) In-Service Temperature: 160°F. **Protect from freezing.** The cured film of this product is heat sensitive. This product should not be used on surfaces/substrates which are exposed to or in contact with a continual sustained source of heat.

Welding, brazing, or flame cutting may produce hazardous decomposition products. Consult the Material Safety Data Sheet for further information.

BRUSH AND ROLLER APPLICATION IS NOT RECOMMENDED

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

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.

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.

PRECAUTIONARY INFORMATION

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

MEDICAL RESPONSE

Emergency Medical or Spill Control Information (304) 843-1300. CANADA (514) 645 - 1320 Have label information available.

MATERIAL SAFETY DATA SHEET 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.

PPG Industries

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