



Mercury Paint **SERIES 9000**

COAL TAR EPOXY BLACK

<p>PRODUCT FEATURES</p> <ul style="list-style-type: none"> • High Build • Exceptional protection for immersion and underground conditions <p>GENERAL PROPERTIES</p> <p>A low VOC, heavy duty, chemically resistant material designed to provide one coat protection for steel and concrete in highly corrosive, immersion and below ground environments.</p>	<p>RECOMMENDED USES</p> <ul style="list-style-type: none"> • Properly prepared metal & concrete • Immersion in fresh and salt water • Buried pipe installations • Sewage treatment facilities • Off shore and marine structures • Ship engine rooms • Chemical plants <p>LIMITATIONS</p> <ul style="list-style-type: none"> • Not for potable water contact
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TECHNICAL DATA

Finish	Semi-Gloss
Vehicle Type	Coal-Tar Polyamide Epoxy
Pigment Type	Magnesium Silicate
Solvent Type	Aromatic Hydrocarbon
Coating Category	Industrial Maintenance
VOC (EPA 24)	Less than 250 grams/liter mixed
% Solid by volume	75.0 + 2.0% mixed
Weight/Per Gallon	11.74 lbs mixed
Recommended Dry Film by Coat	8-10 mils per coat
Theoretical Coverage	150 sq. ft per gal @ 8 mils
Viscosity @ 77° F	115-125 KU
Dry Time Average	To touch: 3 hours Recoat: 5-20 hours
Application Method	Airless Spray, Conventional Spray, Brush
Shelf Life	12 Months
Packaged	4 Gal Container PT A - 10 Gal Container PT B
Flash Point	82°F
Colors	Black
Federal Specification	Exceeds Corp of Engineering C-200



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SURFACE PREPARATION

GENERAL: Sand blasting is required. All surfaces must be clean, dry and free of oil, grease and other contaminants.

FERROUS METAL:

For Immersion Service: SSPC-SP10 Near White Blast
 For Non Immersion: SSPC-SP6 Commercial Blast

CONCRETE, CONCRETE BLOCK (CMU):

Allow new concrete to cure for 28 days. Brush off blast.

APPLICATION CONDITIONS

	MATERIAL	SUBSTRATE	AMBIENT.	HUMIDITY
NORMAL	60°-85°F	60°-90°F	60°-90°F	0-85%
MINIMUM	50°F	35°F	35°F	0%
MAXIMUM	90°F	120°F	120°F	85%

Surface must be dry and at least 5°F above Dew Point.

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 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 coating materials, all flames, welding and smoking must be prohibited. **EXPLOSION PROOF**

EQUIPMENT MUST BE USED WHEN COATING WITH THESE MATERIALS IN CONFINED AREAS.

APPLICATION EQUIPMENT

Conventional spray - DeVilbiss MBC or JGA, Fluid Tip E, Aircap 78, Air Hose 5/16-3/8", Mat Hose 1/2" or Binks Equivelent.

Airless spray -017-027 Tip, 3/8"-1/2" Material Hose 60° Mesh Manifold Filter 2400-3000 PSI Pressure

Brush / Roller - Brushing is only required.

For small areas ladle material on. Do not brush out to to a thin film.

MIXING & THINNING

Mixing Blend for 5 minutes mechanical agitation
 Allow 5 minutes for sweat in

Ratio 4 Parts Component A
 1 Part Component B

Thinning Consult Mercury for proper percentage based on environmental conditions.

Pot life 45 minutes @ 95°F
 2 hours @ 75°F
 6 Hours @ 55°F

CURING SCHEDULE

Surface Temp. % 50% Relative Humidity	Dry to Handle	Dry to Recoat / Topcoat	Final Cure for Immersion
35	26 HOURS	44 HRS-6 DAYS	28-32 DAYS
75	4 HOURS	6-28 HRS	7 DAYS
96	2 HOURS	3-14 HRS	5 DAYS

Curing time varies with surface temperature, air movement, humidity and film thickness. Use above times as estimates only. Coal Tar Coatings DFT with one coat system are 16-20 mils. Two coat system DFT 8-10 mils.

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ACCURACY OF DATA

The technical data presented above are true and accurate as of the date of issuance of this Mercury Paint data sheet and are subject to change without notice. We endeavor to supply all catalog holders with up-to-date catalog pages. Therefore, if the issue date is more than a year old, please inquire whether a new page has since been issued. Please visit www.mercurypaint.com for the newest version of this data sheet.

WARRANTY

This product is warranted only to conform to the analysis and specifications expressed above. No other warranty or guarantee, including its merchantability or suitability for any specific application, is implied. The liability of Mercury Paint Corporation, if any, is limited to replacement of product or refund of purchase price and excludes labor, cost of labor of other consequential damages, provided that the purchaser notifies management of Mercury Paint Corporation with twenty-four hours of the application of the product.

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