

SERIES 9800D

LATEX FIRE RETARDANT INTUMESCENT COATING



PRODUCT FEATURES

- Low VOC
- Low odor
- Decorative finish
- Hi- Hiding
- Tintable to pastel colors

GENERAL PROPERTIES

A high hiding, low VOC fire retardant paint. When attacked by flame coating will expand and form a thick cellular char blanket (intumescence) which reduces heat penetration, retards flame and minimizes smoke development.

RECOMMENDED USES

- Ceilings
- Walls
- Trim
- Primed steel
- Concrete
- Masonry

LIMITATIONS

- Do not apply when air and surface temperature are below 50°F.
- Do not topcoat.

Finish	Flat
Vehicle Type	Acrylic Copolymer
Pigment Type	Titanium Dioxide & light fast pigments
Solvent Type	Water
Coating Category	Fire retardant coating max VOC 250 g/l
% Solid by Weight	60% minimum
% Solid by Volume	48% minimum
Weight/Per Gallon	11.20 +/- 0.50 lbs / gal
Recommended Dry Film by Coat	6 to 8 mils per coat
Theoretical Coverage	Depend upon substrate
Viscosity @ 77° F	90-120 KU
Dry Time Average	To touch: 30 min To recoat: 4 hours
Application Method	Brush, roller, spray
Shelf Life	1 Year
Packaged	One and five gallon pails
Flash Point	N/A
Colors	White and custom colors upon request
Underwriter Laboratories	ASTM-E-84



SURFACE PREPARATION

Surfaces to be painted must be clean, dry and free of wax, grease, scaling paint and mildew. Loose or powdery paint and water-soluble coatings such as glue or calcimine should be removed. New plaster and masonry surfaces must be cured before painting. Glossy areas should be dulled.

APPLICATION CONDITIONS

Mixing: Stir thoroughly before and occasionally during use. Apply with a quality synthetic brush, medium nap roller, pad or spray.

APPLICATION EQUIPMENT

Brush – Use finest quality nylon/poly brush
 Roller –1/4-3/4 nap
 Spray – Fluid pressure-1,500- 2,000 PSI
 Tip- 0.18 orifice

THINNING / CLEAN UP INSTRUCTIONS

Thinning is not recommended. Rinse brush, roller and equipment with warm water.

ENVIRONMENTAL INFORMATION

Contains no lead, mercury or chromate hazardous compounds. Complies with N.Y., N.J. and other states' requirements for limitation of volatile organic compounds. Meets New York Part 205 architectural surface coatings. Meets criteria for non-photochemical solvents in accordance with New York City Law 49.

Keep out of reach of children.
Safety Data Sheets available upon request.
Protect from freezing.

HEALTH & SAFETY INFORMATION

CAUTION! Contains Melamine. May cause eye and skin irritation. Use only with adequate ventilation. Do not breathe vapors, spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. Wear eye protection and gloves during application or sanding. A dust/particulate respirator approved by NIOSH should be worn when sanding or spraying. Close container after each use. If affected by inhalation of vapors or spray mist, leave area to obtain fresh air. In case of ingestion, do NOT induce vomiting. Get medical help immediately.

RECOMMENDED SYSTEMS

Wood	Primer: Series 5100 Finish: Series 9800D
Sheet Rock	Primer: Series 9800D Finish: Series 9800D
Galvanized Metal Repainted	Primer: Series 3000 Finish: Series 9800D

Surface	Douglas Fir
Flame spread	20
Smoke developed	50
# of fire retardent coats	2
Rate per coat (sq ft/gal)	175
Rating	Class A

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

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