

SERIES 3100

RUST INHIBITIVE METAL PRIMER



PRODUCT FEATURES

- Rust inhibitive
- Excellent adhesion
- Hi-hiding
- Low VOC
- Weather resistant
- Interior/ Exterior
- High solids

GENERAL PROPERTIES

A heavy duty, interior/ exterior lead and chromate free, linseed oil alkyd rust inhibiting primer with excellent penetration and weathering properties. The vehicle system carries the rust inhibiting pigments into the pores and prevents further corrosion.

RECOMMENDED USES

- Structural steel
- Storage tanks
- Pipes
- Fire escapes
- Fences
- Equipment
- Machinery
- Ornamental iron
- Lintils

LIMITATIONS

- Not for immersion service.
- Do not apply over moisture or dampness.
- Do not apply in dampness or temperature below 40°F.

Finish	Low luster
Vehicle Type	Linseed oil- Alkyd
Pigment Type	Rust Inhibitive
Solvent Type	Mineral spirits
Coating Category	Industrial Maintenance Coating 250 g/l max
% Solid by Weight	80% minimum
% Solid by Volume	70% minimum
Weight/Per Gallon	11.20 lbs/ gal minimum
Recommended Dry Film by Coat	2.0 to 3.0 mils per coat
Theoretical Coverage	350-450 sq ft. / gallon
Viscosity @ 77° F	80-90KU
Dry Time Average	To touch: 10 hours To recoat: 72 hours
Application Method	Brush, roller, spray
Shelf Life	2 Years
Packaged	One and Five gallon pails
Flash Point	105°F
Colors	Red and Yellow
Federal Specification	TT-P-86 G/ Modified/ NYCTA M-1-1



SURFACE PREPARATION

All surfaces must be free of rust, millscale, oil, dirt, and salts.
Solvent wipe SSPC-1 all surfaces.
Mild exposure- SSPC-SP2 Hand Tool cleaning.
Harsh exposure- SSPC-SP6 Commercial Blast cleaning.

APPLICATION CONDITIONS

Do not apply over moisture or wet surface.
Air & surface & material temperature: 40°F.-120°F
Relative humidity: 85% maximum

APPLICATION EQUIPMENT

Brush- Use finest quality china bristle brush.
Roller- Any good quality roller.
Spray- Airless- 2,000-2,500 PSI
Tip- 0.15-0.21 orifice

THINNING / CLEAN UP INSTRUCTIONS

Do not thin. Wash brushes, rollers and equipment with mineral spirits.

ENVIRONMENTAL INFORMATION

Contains no lead, mercury, or chromate hazardous compounds. Complies with NY, NJ, 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.

Protect from freezing.

Material Safety Data Sheets available upon request.

HEALTH & SAFETY INFORMATION

WARNING! Combustible liquid and vapor! Contains mineral spirits. Harmful if inhaled. May affect the brain and nervous system causing dizziness, headache, or nausea. May cause eye, skin, nose and throat irritation.

NOTICE: Repeated and prolonged exposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvents are too high. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Keep away from heat and flames. Close container after every use. Use only with adequate ventilation. Do not breathe vapors, spray mist or sanding dust. Do not get in eyes or on skin. Wear a properly fitted dust/ particulate respirator approved by NIOSH, eye protection, gloves, and protective clothing during application (or sanding) and until all vapors and spray mist are exhausted. Do not permit anyone without protection in painting area.

RECOMMENDED SYSTEMS

Steel	Primer: Series 3100
	Finish: Appropriate Mercury Finish Coat

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.

