



**71309**

DATA SHEET

# Industrial Metal Primer

## General Properties

An industrial primer with excellent adhesion on iron and steel when exposed to mild chemicals and water. This primer meets the requirements of CISC/CPMA 1-73 One Coat Quick Drying Primer and MPI #79 Primer, Anti-Corrosive for Metal, for use on structural steel.

## Recommended Uses

For shop application use on structural steelwork, sheets and plates, cranes and storage tanks.

## Product Information

**GENERIC TYPE**  
Alkyd Resins

**PIGMENT TYPE**  
Titanium Dioxide and Iron Oxide Pigments

**COLOR**  
71307 Red, 71309 Grey

**BASES**  
N/A

**FINISH**  
Flat

**AVERAGE VOLUME SOLIDS**  
Grey - 36.6%  
Red - 37.4%

**RECOMMENDED FILM THICKNESS**  
Wet: 4.1 - 5.4 mils  
Dry: 1.5 - 2 mils  
See your Cloverdale Representative for project recommendations.

**THEORETICAL COVERAGE**  
593 ft<sup>2</sup>/gal @1 mil (25 microns) DFT  
14.6 m<sup>2</sup>/L @ 1 mil (25 microns) DFT  
Actual coverage may vary depending on substrate and application methods.

**VISCOSITY**  
75-85 K.U.

**TEMPERATURE RESISTANCE (DRY)**  
93°C (200°F) Continuous  
120°C (250°F) Intermittent

**V.O.C. AS APPLIED**  
Less than 410 g/L

**THINNER**  
78011 Xylene

## Methods of Application

**AIRLESS SPRAY**

Speeflo Atlas 30:1 with tip sizes .013" - .015" or equivalent

**H.V.L.P.**

Binks Model Mach 1 94 x 97AP (pressure) or equivalent

**CONVENTIONAL**

Binks Model 95GUN 63CSS X 63PB (pressure) or equivalent

**BRUSH / ROLLER**

Brushing is limited to small areas or touch-up

**Drying Time** - Temperature, Relative Humidity, and Film Thickness will affect dry and re-coat times.

Substrate Temperature	Touch Dry	Hard Dry	Minimum	Overcoat Interval	
				Maximum	Normal
25°C (77°F)	30 minutes	4 hours	1 hour	indefinite	4 hours

## Recommended Topcoat

Solvent or water based Architectural paints.

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## Surface Preparation

Surfaces must be clean, dry and free of contamination such as wax, oils, grease, mill scale or rust. A minimum SSPC-SP3 Power Tool Cleaning is recommended, however, an SSPC-SP6 Commercial Blast Cleaning will provide improved product performance provided that the recommended film build is achieved over the blast profile.

## Limitations

Do not apply topcoat with paints containing strong solvents (ie. Xylene, Toluene, MEK). Recommended for mild corrosive environments. Not recommended for wood or concrete. Primed metal pieces must be adequately tarped and protected for winter transport. Road sand, grit and salts create an aggressive environment that will cause rust bloom on exposed surfaces.

## Mixing Instructions

Mix well before using. Keep containers tightly sealed when not in use.

## Safety Precautions

This product is for industrial use only. **Refer to Material Safety Data Sheet for proper health and safety information.**

## Storage and Handling

<b>FLASH POINT</b>	-7°C (19°F) TCC
<b>PRODUCT WEIGHT</b>	9.84 lbs./gal (container extra)
<b>STORAGE</b>	Cool, dry, secure location. See your Cloverdale Paint Representative.
<b>PACKAGE SIZE</b>	1 gallon, 5 gallon pail

Some package sizes or colors may be by special order only. Please check with your Cloverdale Representative when ordering.

## Warranty Disclaimer

Cloverdale Paint manufactures quality products. In the event that this product is defective or in any way unsuitable for the application for which it is sold, Cloverdale Paint Inc. will replace the product free of charge. The warranty provided by this data sheet is the only warranty or guarantee of quality made in respect of this product by Cloverdale Paint Inc. By purchasing this product the customer accepts this warranty in lieu of all others, and waives all claims to any other remedy arising from any warranty or guarantee of quality, whether such warranty or guarantee of quality was made expressly to the customer or implied by any applicable law.

Check for recent amendments to this data sheet at [www.cloverdalepaint.com](http://www.cloverdalepaint.com)



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