

# EcoPrime Shop Primer - Grey

## General Properties

A water-based anti-corrosive primer for application to properly prepared ferrous metals. This product has good corrosion resistance and excellent holdout, re-coat tolerance and adhesion to a wide range of substrates. It dries very quickly, is non-flammable, and contains very low Volatile Organic Compound levels. EcoPrime Shop Primer meets the requirements of CISC/CPMA Specifications 1-73a and 2-75.

## Recommended Uses

A general purpose direct-to-metal primer for industrial, commercial and/or institutional applications. Ideal for fabrication shops and machine shops where a fast drying easy to use primer meeting all existing emission standards is required.

## Product Information

<b>GENERIC TYPE</b>	Water-borne Alkyd
<b>PIGMENT TYPE</b>	Lead-free Corrosion Inhibiting Pigments
<b>COLOR</b>	Grey
<b>BASES</b>	N/A
<b>FINISH</b>	Low sheen eggshell
<b>AVERAGE VOLUME SOLIDS</b>	50%
<b>AVERAGE WEIGHT SOLIDS</b>	60%

<b>RECOMMENDED FILM THICKNESS</b>	Wet: 4.0 - 5.0 mils. Dry: 2.0 - 2.5 mils See your Cloverdale Representative for project recommendation.
<b>THEORETICAL COVERAGE</b>	802 ft <sup>2</sup> /gal @ 1 mil (25 microns) DFT 20.0 m <sup>2</sup> /L @ 1 mil (25 microns) DFT Actual coverage may vary depending on substrate and application methods.
<b>VISCOSITY</b>	65 - 70 K.U.
<b>TEMPERATURE RESISTANCE (DRY)</b>	90°C (194°F) Continuous 100°C (212°F) Intermittent
<b>V.O.C. AS APPLIED</b>	Less than 40 g/L (0.33 lbs./gal)
<b>THINNER</b>	Water

## Methods of Application

<b>AIRLESS SPRAY</b>	Speeflow Atlas 30:1 with tip sizes .013" - .015" or equivalent
<b>H.V.L.P</b>	Binks Model Mach 1 94 x 97AP (pressure) or equivalent
<b>CONVENTIONAL</b>	Binks Model 95GUN 63CSS X 63PB (pressure) or equivalent
<b>BRUSH / ROLLER</b>	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	Dry to Handle	Minimum	Overcoat Interval		Normal
				Maximum		
25°C (77°F)	30 minutes	1 hour	N/A	N/A		1 hour

## Recommended Topcoat

**Steel:** Solvent or Water-based single component paints such as EcoLogic High Performance Acrylics

## Surface Preparation

Surfaces must be clean, dry and free of oil, grease, waxes or other surface contamination. A minimum SSPC-SP3 Power tool cleaning is recommended for bare steel, however, an SSPC-SP6 Commercial Blast Cleaning will provide improved product performance provided that sufficient film thickness is applied to cover the profile.

## Limitations

For mild to moderate atmospheric exposure. Not recommended for severe chemical exposure or immersion.

Observe recommended film builds. Do not apply when ambient or substrate temperature is below 10°C (50°F). Keep product from freezing.

## 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>	N/A
<b>PRODUCT WEIGHT</b>	11.28 lbs./gal (container extra)
<b>STORAGE</b>	Keep from freezing.
<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)



### Cloverdale Paint Inc.

6950 King George Boulevard, Surrey, British Columbia, Canada V3W 4Z1

Web Site: [www.cloverdalepaint.com](http://www.cloverdalepaint.com) Email: [helpdesk@cloverdalepaint.com](mailto:helpdesk@cloverdalepaint.com)

Phone: 604 596 6261 Fax: 604 597 2677