



# Marine and Shop Enamel

## General Properties

Marine Enamel Gloss Alkyd is a premium quality polyurethane modified gloss enamel that provides superior durability and weathering performance when exposed in a marine or light industrial environment. This product features a high degree of moisture and sunlight resistance along with excellent color and gloss retention properties. It is easy to apply by brush roller or spray and has excellent coverage properties. This product has corrosion resistance properties when applied directly to prepared steel or can be used over a compatible primer. All Cloverdale Paint's Marine Enamels are lead and chromate free and is exempt from VOC regulations as a shop-applied coating..

## Recommended Uses

Ideally suited as a general purpose gloss enamel for shop use on tank exteriors, machinery, equipment, signs, marine equipment and boat topsides. Designed for use on wood metals fibreglass and some plastics. This product can be used in most shop applications where a high gloss, extremely durable finish is desired.

## Product Information

<b>GENERIC TYPE</b>	Alkyd / Polyurethane
<b>PIGMENT TYPE</b>	Titanium Dioxide and light fast colors
<b>COLOR</b>	White, black, 7 standard colors & custom colors.
<b>BASES</b>	11103 White, 11101 deep base, 11104 clear base
<b>FINISH</b>	High Gloss
<b>AVERAGE VOLUME SOLIDS</b>	43%
<b>AVERAGE WEIGHT SOLIDS</b>	60%

<b>RECOMMENDED FILM THICKNESS</b>	<b>Wet:</b> 3.2 - 5.3 mils (81 - 135 microns) <b>Dry:</b> 1.4 - 2.3 mils (275 - 450 microns) See your Cloverdale Representative for project recommendations.
<b>THEORETICAL COVERAGE</b>	300 - 500 ft <sup>2</sup> /gal ( 7.4 - 12.3 m <sup>2</sup> /lit.) * per coat at recommended coverage rates Actual coverage may vary depending of substrate and application method
<b>VISCOSITY</b>	75 - 80 KU
<b>TEMPERATURE RESISTANCE (DRY)</b>	94°C (200°F)
<b>V.O.C. AS APPLIED</b>	447g/litre (3.70 lb/gal. U.S.)
<b>THINNER</b>	78001 Mineral Spirits

## Methods of Application

<b>AIRLESS SPRAY</b>	Tip sizes .009" - .013" Titan 440i or equivalent
<b>H.V.L.P.</b>	Binks Model Mach 1 94 x97AP (pressure) or equivalent
<b>CONVENTIONAL</b>	Binks Model 95GUN 63CSS x 63PB (pressure) or equivalent
<b>BRUSH / ROLLER</b>	Bristle brush and lint free roller

**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)	6 hours	16 hours	24 hours	N/A	N/A

## Recommended Primer

<b>Wood:</b>	Self-Priming or use 15130 Alkyd Stain-Blocking Primer
<b>Ferrous Metals:</b>	Self-Priming or use 710 Series Rustex Anti-Corrosive primers
<b>Masonry:</b>	N/a
<b>Drywall:</b>	N/a

## Surface Preparation

All surface must be clean, dry and free of contaminants such as oils grease, wax, mildew or dirt. Existing paints must be in sound condition and tightly adhering. Scuff sand glossy surfaces to ensure adhesion. For best performance on ferrous metals, an SSPC SP-6 Sandblast is recommended with a suitable primer however this product can be applied to bare steel with a minimum SSPC SP-3 Power Tool Cleaning. Maximum moisture content for masonry and wood application is 12%.

## Limitations

For Industrial Shop application only. Not for immersion use or application requiring a high degree of chemical or solvent resistance. Always check re-coat tolerance before recoating with another paint.

## Mixing Instructions

Mix well prior to use. Keep container lids tightly sealed when not in use to prevent skinning.

## 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>	42°C (107°F) TCC
<b>PRODUCT WEIGHT</b>	9.36 lbs/U.S. gal (container extra)
<b>STORAGE</b>	Cool, dry, secure location. See your Cloverdale Paint Representative.
<b>PACKAGE SIZE</b>	1 gallon and 5 gallon

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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