

## MAXIMUS WATERBORNE ENAMEL

### Description:

MAXIMUS WATERBORNE ENAMEL is an Industrial Maintenance Coating formulated at 100 V.O.C. to meet the requirements of S.C.A.Q.M.D. Rule 1113 for the category of Industrial Maintenance Coatings. MAXIMUS WATERBORNE ENAMEL is a quick-dry enamel based on a high-quality acrylic resin with excellent adhesion properties to a wide variety of substrates, including, but not limited to, steel, plastic and wood. This product dries to a smooth, hard and glossy surface. It is available in assorted colors and tint bases. It may be applied by brush, roller or spray.

### Partial List of Uses:

- Hospitals, schools • Aircraft support equipment • Hotels, motels • Equipment maintenance • Doors - metal and wood • Wineries • Machinery • Metal buildings - interior

### Benefits:

- Fast drying • Meets clean air standards • Good flexibility • Outstanding adhesion • Easy application • Non-flammable • Water-reducible

### Compatible Primers:

- Ellis 4400 & 7900 Series



### TECHNICAL DATA

<b>Product Number:</b>	7900 Series
<b>Colors:</b>	Assorted Colors and Tint Bases
<b>Viscosity:</b>	86 - 88 Kneb Units @ 77°F
<b>Solids by Weight:</b>	34% - 50%
<b>Solids by Volume:</b>	32% - 40%
<b>V.O.C. (Volatile Organic Compounds): *</b>	Less than 100 grams per liter (0.8 lbs/gal)
<b>Solvent(s) Used:</b>	Glycol Ethers
<b>Finish:</b>	Gloss 75+
<b>Flash Point:</b>	>200°F/TCC
<b>Dry-To-Touch @ 77°F:</b>	30 minutes
<b>Dry-To-Handle @ 77°F:</b>	1 - 2 hours
<b>Recoat time @ 77°F:</b>	1 - 2 hours
<b>Coverage (Theoretical):</b>	520 - 640 square feet per gallon @ 1 mil DFT

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## Directions for use:

### SURFACE PREPARATION:

**GENERAL:** All surfaces to be painted must be clean, dry and in fit condition to be painted. Be sure to remove all wax, silicone, oil, powdery or scaling rust, loose or peeling paint and all other foreign matter. Smooth, slick surfaces should be sanded to promote adhesion. Prime bare and uncoated surfaces with Maximus Primer.

**BARE FERROUS METALS:** Clean off all dirt, grease, oil, wax or other foreign matter. All loose, powdery or scaling rust must also be removed. A completely de-rusted surface is recommended. Prime bare and uncoated surfaces with Maximus Primer.

**NON-FERROUS METALS:** Clean surface thoroughly then apply a prep coat of Hy-Lux® 690 Low VOC Etching Filler as a first coat over the non-ferrous metal to insure adhesion of the primer. Topcoat the Hy-Lux® 690 Low VOC Etching Filler with Maximus Primer between 2 to 8 hours. After 8 hours, the Hy-Lux® 690 Low VOC Etching Filler should be lightly sanded before applying the first coat of Maximus Primer.

**PAINTED SURFACES:** Be sure all loose and peeling paint is completely removed, and the surface is clean. Remove excess chalkiness with a wire brush or by sanding. Feather edge and spot prime with Maximus Primer.

**BARE WOOD:** Clean wood thoroughly. Prime and seal with one coat of Maximus Primer or Maximus Enamel (tinted close to finish color, if desired).

**MIXING:** Mix thoroughly before use and/or after thinning.

**THINNING:** Ready to spray as packaged, but if thinning is necessary, use Ellis 7999 Universal Flow Agent up to 20% by volume. Do not over thin; sagging may result.

**APPLICATION:** Apply two coats, allowing 10-20 minutes between coats. Apply using conventional application methods and equipment.

**DRY TIME (@77F):** DRY-TO-TOUCH: 30 minutes, RECOAT: 1-2 Hours, DRY TO HANDLE: 1-2 Hours, FULL CURE: 7 Days.

**CLEAN-UP:** Clean pad applicators, brushes and rollers immediately after use with soap and cold water. Clean spray equipment immediately after use with water followed with Ellis 80/20 Zero VOC Exempt Solvent.

**SHELF LIFE:** Shelf Life is 1 year from the date of manufacture when stored at temperatures not to exceed 90°F.

Refer to product label and Material Safety Data Sheet (MSDS) for cautions and warnings pertaining to this product.

### Limited Warranty:

*Ellis Paint Company certifies that all Ellis coatings delivered to the customer in new, sealed containers will meet all pertinent quality standards presented in Ellis published literature. Since matters of surface preparation, application procedures and other local factors which affect performance are beyond its control, Ellis assumes no liability for coating failure other than to supply replacement material for Ellis coatings shown to be defective. If you have questions, contact your dealer, visit [www.ellispaint.com](http://www.ellispaint.com), or call Ellis Paint Company. There is no other warranty, either expressed or implied.*

