

## MAXIMUS SOLVENTBORNE ENAMEL

### Description:

MAXIMUS SOLVENTBORNE 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 SOLVENTBORNE ENAMEL is a durable, enamel made from a premium quality, acrylic modified, alkyd resin. Formulated to give long-term weather protection, MAXIMUS SOLVENTBORNE ENAMEL is tough and will take hard usage. This product is an excellent choice for areas subjected to hard use and where dry and recoat times are flexible. It may be applied by brush, roller or spray.

### Partial List of Uses:

- Engines • Buildings • Tractors • Oil field equipment
- Drilling rigs • Pipe lines • Machinery • Outdoor furniture
- Steel towers • Sheds • Tanks • Trucks • Construction equipment

### Benefits:

- Extremely high gloss • Tough and durable • A true, general purpose enamel • Excellent hide and coverage
- Easily applied using conventional methods and equipment

### Compatible Primers:

- Ellis 4400 & 7900 Series



### TECHNICAL DATA

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| <b>Product Number:</b>                        | 4496   |
| <b>Colors:</b>                                | Satin Black                                  |
| <b>Viscosity:</b>                             | 80 - 85 Kneb Units @ 77°F                    |
| <b>Solids by Weight:</b>                      | 52% - 61%                                    |
| <b>Solids by Volume:</b>                      | 53% - 56%                                    |
| <b>V.O.C. (Volatile Organic Compounds): *</b> | 100 grams per liter or less (0.8 lbs/gal)    |
| <b>Solvent(s) Used:</b>                       | PCBTF/TBAC/Aromatic Solvents                 |
| <b>Finish:</b>                                | Satin  |
| <b>Flash Point:</b>                           | 40° F/TCC                                    |
| <b>Dry-To-Touch @ 77°F:</b>                   | 4-6 hours                                    |
| <b>Dry-To-Handle @ 77°F:</b>                  | Overnight                                    |
| <b>Recoat time @ 77°F:</b>                    | 2 hours                                      |
| <b>Coverage (Theoretical):</b>                | 860 - 900 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.

**MAXIMUS POLYURETHANE CATALYST:** For increased performance, Maximus 4499 Polyurethane Catalyst may be added to MAXIMUS SOLVENTBORNE ENAMEL. Refer to the Maximus Catalyst label for directions and precautions regarding applying products containing POLYISOCYANATES.

**THINNING:** If thinning is necessary, reduce with 82 Super Gloss & Flow Zero VOC Reducer or Ellis 80/20 Zero VOC Exempt Solvent.

**APPLICATION:** Two coats are recommended. Allow first coat to dry for a minimum of 2 hours before applying second coat.

**DRY TIME (@ 77°F):** DRY-TO-TOUCH: 4-6 Hours, RECOAT: 2 Hours, DRY TO HANDLE: Overnight, FULL CURE: 7 Days.

**CLEAN-UP:** Equipment should be thoroughly cleaned immediately after use in an enclosed spray equipment cleaner with Ellis 80/20 Zero VOC Exempt Solvent.

**SHELF LIFE:** Shelf Life is 2 years from 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.*

