

SHAFT-LAC[®] INDUSTRIAL ENAMEL

Description:

SHAFT-LAC INDUSTRIAL ENAMEL is decorative, extremely high-gloss, abrasion resistant and intended for use by engineers and manufacturers of a wide variety of products. The exceptionally fast dry feature of SHAFT-LAC INDUSTRIAL ENAMEL makes an ideal coating for use in high production painting. It is available in clear and a wide selection of colors and tint bases. It is primarily designed for spray application, but it may be used in a dip system with careful control. It may be applied to metal, fiberglass or most rigid materials.

Partial List of Uses:

- Oil production tools • Disposal bins • Grates
- Valves • Barricades • Lockers • Garden tools
- Electronic enclosures • Switch boxes • Storage bins

Benefits:

- Extremely fast drying • Strong adhesion; most applications require no primer • Easy to spray • Saves money by speeding up production • Stocked in well-known industrial colors • Custom colors available

Compatible Primers:

- Ellis 600, 1200, 4400 & 7900 Series



TECHNICAL DATA

Product Number:	3300 Series
Colors:	Clear, assorted colors and tint bases
Viscosity:	60-65 Krebs units @ 77°F
Solids by Weight:	52% - 60%
Solids by Volume:	49% - 53%
V.O.C. (Volatile Organic Compounds): *	Gloss: Less than 340 gpl, (2.8 lbs/gal)
Solvent(s) Used:	Parachlorobenzotrifluoride/Aliphatic Hydrocarbons/Xylene/Toluene/Ketones
Finish:	Extremely High Gloss (85+)
Flash Point:	1°F/TCC
Dry-To-Touch @ 77°F:	15 minutes
Dry-To-Handle @ 77°F:	1 - 2 hours
Recoat time @ 77°F:	Within 1 hour or wait 24 hours
Coverage (Theoretical):	790 - 851 square feet per gallon @ 1 mil DFT

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Directions for use:

SURFACE PREPARATION:

GENERAL: Surface must be free of oil, grease, dirt, wax, silicone, powdery or scaling rust, loose or peeling paint and all other foreign mater. Smooth, slick surfaces should be sanded to promote adhesion. Prime bare and uncoated surfaces with one of the following Ellis Primers: 600 Solventborne Series, 4400 Maximus Solventborne Series, 1200 Waterborne Series or 7900 Maximus Waterborne Series.

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 with Ellis Primer.

NON-FERROUS METALS: Clean the surface thoroughly. Apply a prep coat of Hy-Lux 690 Low VOC Etching Filler as a first coat over the non-ferrous metal to etch the surface and promote adhesion. Allow 30 minutes to dry and follow with a coat of Ellis Primer within 8 hours. After 8 hours, the Hy-Lux 690 Low VOC Etching Filler should be lightly sanded before applying the first coat of Ellis Primer.

PAINTED SURFACES: Excessive chalk and old paint that is loose and peeling should be removed by sanding, scraping or wire brushing. Paint must be firm, dry and in fit condition to receive paint. Ordinarily, no primer is required.

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

THINNING: DO NOT EXCEED LOCAL VOC REQUIREMENTS. In regulated areas, use Ellis 80/20 Zero VOC Exempt Solvent.

For Spraying: Thin to spray viscosity.

For Brushing & Dipping: Thin as needed.

APPLICATION:

SPRAYING: Apply one or more “wet” coats. Time between coats is CRITICAL. The second coat, if needed, should be applied within 1 hour or wait 24 hours.

BRUSHING: Application by brush is recommended only for small surfaces.

DIPPING: Be sure dip tank provides for agitation of paint and is covered when not in use.

DRY TIME (@77°F): DUST-FREE: 15 Minutes, RECOAT: Within 1 hour or wait 24 hours, FULL CURE: 6 Hours

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.

IMPORTANT WARNING:

TO AVOID SPONTANEOUS COMBUSTION, SOAKED SOILED RAGS, SPRAY BOOTH FILTERS, OVERSPRAY WASTE AND DRY DUST SWEEPINGS MUST BE PROPERLY DISCARDED IN WATER FILLED CONTAINERS AND DISPOSED OF IN ACCORDANCE WITH LOCAL DISPOSAL REGULATIONS.

*V.O.C. Rule and Regulation requirements are mandated by local air management districts and change from district to district. Refer to your local V.O.C. Rules and Regulations from your air resources board or on the web at www.arb.ca.gov/capcoa/roster.htm

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, or call Ellis Paint Company. There is no other warranty, either expressed or implied.

