



# Tufcote™ 2.8 ST

## Satin Black VT Alkyd Topcoat

(Formerly Shaft Lac 3300 Series - 3396)



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### GENERAL

#### DESCRIPTION

Tufcote 2.8 ST 3396 topcoat is a decorative, satin black, abrasion-resistant vinyl toluene (VT) alkyd enamel intended for use by engineers and manufacturers of a wide variety of products. The exceptionally fast dry feature of Tufcote 2.8 ST makes an ideal coating for use in high production painting. It may be applied to metal, fiberglass, or most rigid materials.

#### SUGGESTED USES

As an economy coating for use on properly prepared, steel, fiberglass and rigid substrates for oil production tools, disposal bins, grates, valves, barricades, lockers, garden tools, electronic enclosures, switch boxes, and storage bins where the following attributes are desirable:

- Extremely fast drying
- Strong adhesion
- Easy to spray
- Saves money by speeding up production

#### COMPATIBILITY WITH OTHER COATINGS

- For best results, apply over Tufcote 1200, 4400 & 7900 series primers.
- Can also be applied over old coatings in good condition, after checking for adhesion.

#### COLOR

3396 Satin Black

The products referenced herein may not be sold in your market. Please consult your distributor for product availability.



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### MIXING

#### COMPONENTS

Tufcote 2.8 ST 3396 Topcoat 1 gallon container 100% Full (128 oz.)

#### MIXING

Mix thoroughly before use and/or after thinning. Assure that color is uniform and that there are no solids on the bottom of the can.

#### Reduction

DO NOT EXCEED LOCAL VOC REQUIREMENTS. In regulated areas, use Tufcote 8020 Zero VOC Exempt Solvent. If thinning is required, use up to 10% Tufcote 8020 Exempt thinner.

For spraying: Thin to spray viscosity.  
For brushing: Thin as needed.



**POT LIFE**

n/a



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**APPLICATION**

**SURFACE PREPARATION**

All surfaces to be painted must be clean, dry and in fit condition to be painted. Be sure to remove all wax, silicone, powdery or scaling rust, loose or peeling paint and all other foreign matter. Smooth, slick surfaces should be sanded to give a mechanical tooth to promote adhesion. Prime bare and uncoated surfaces with one of the following Tufcote primers: Tufcote Hydro 2.1 PR (1200 waterborne series), Tufcote LV PR (4400 series) or Tufcote Hydro LV PR (7900 series) 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 Tufcote 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. If old coating is in good condition and tested for adhesion.

**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.

**CLEAN UP THINNERS**

Clean equipment immediately after use in an enclosed spray equipment cleaner with Tufcote 8020 Zero VOC Exempt Solvent.



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**DRY TIMES**

Cure Time at Recommended Thickness @ 50% RH

	<b>77°F (25°C)</b>
To Touch	15 minutes
To Handle	1 – 2 hours
Recoat Time	Within 1 hour or wait 24 hours
Full Cure	6 hours



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**PHYSICAL PROPERTIES**

Viscosity	60-65 Krebs units @ 77°F
Volume Solids	56% +/- 2%
Weight Solids	51% +/- 2%
Theoretical Coverage Per Gallon	823 ft <sup>2</sup> per gallon @ 1 mil DFT
Solvents Used	Parachlorobenzotrifluoride/Aliphatic Hydrocarbons/Xylene/Toluene/Ketones
Flash Point	1°F/TCC
Gloss	Flat
Shelf Life	12 months
Recommended DFT:	2-2.5 mils DFT (4-5 mils WFT)

Application by brush and roller may require additional coats to achieve recommended films thickness.



### **STORAGE CONDITIONS**

Store in a dry, well-ventilated area. Storage conditions should be between 35°F (2°C) and 90° F (32° C).

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### **VOC REGULATIONS**

VOC (Theoretical).

2.8 lbs/gal (340 grams per liter) or less

These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Follow mixing usage and recommendations in the VOC Compliant Products Chart for your area.

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### **SAFETY AND HANDLING**

For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and MSDS precautions. If mixed with other components, mixture will have hazards of all components.

Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.

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.

All technical advice, recommendations and services are rendered by the Seller gratis. They are based on technical data which the Seller believes to be reliable, and are intended for professional use by persons having skill and know-how at their own discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from their use by Buyer in whole or in part. Such recommendations, technical advice or services are not to be taken as a license to operate under or intended to suggest infringement of any existing patent.

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