



# Tufcote™ 2.8 FT™ Flat Black Alkyd VT Topcoat (Formerly Shaft Lac 3392)



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## GENERAL

### DESCRIPTION

Tufcote 2.8 FT 3392 Topcoat is decorative, flat black, abrasion resistant and intended for use by engineers and manufacturers of a wide variety of products. The exceptionally fast dry feature of Tufcote 2.8 FT makes an ideal coating for use in high production painting. 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.

### SUGGESTED USES

As an economy coating for use on metal, 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; most applications require no primer
- Easy to spray
- Saves money by speeding up production

### COMPATIBILITY WITH OTHER COATINGS

- Tufcote 1200, 4400 & 7900 Series Primers

### COLOR

3392 Flat 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 FT 3392 Topcoat 1 gallon container 100% Full (128 oz.)

### MIXING

Mix thoroughly before use and/or after thinning.

### Reduction

DO NOT EXCEED LOCAL VOC REQUIREMENTS. In regulated areas, use Tufcote 8020 Zero VOC Exempt Solvent.

For Spraying: Thin to spray viscosity.

For Brushing & Dipping: Thin as needed.

### POT LIFE

n/a



## 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 HG (1200 Waterborne Series), Tufcote LV HG (4400 Series) or Tufcote Hydro LV HG (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.

**NON-FERROUS METALS:** Clean the surface thoroughly. Apply a prep coat of 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 Tufcote Primer within 8 hours. After 8 hours, the 690 Low VOC Etching Filler should be lightly sanded before applying the first coat of 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.

### 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.

### CLEAN UP THINNERS

Do not allow catalyzed material to stand in equipment after use. Clean equipment immediately after use in an enclosed spray equipment cleaner with Tufcote 8020 Zero VOC Exempt Solvent.



## DRY TIMES

Cure Time At Recommended Thickness @ 50% RH

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



## PHYSICAL PROPERTIES

Viscosity	60-65 Krebs units @ 77°F
Volume Solids	51%
Weight Solids	56%
Theoretical Coverage Per Gallon	812 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



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, varies with color).

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.

Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates.

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.**

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**Revised: September 2011**

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