



Tufcote™ 2.8 HG

High Gloss VT Alkyd Topcoat

(Formerly Shaft Lac 3300 Series)



GENERAL

DESCRIPTION

Tufcote 2.8 HG is decorative, extremely high-gloss, abrasion-resistant vinyl toluene (VT) alkyd topcoat intended for use by engineers and manufacturers of a wide variety of products. The exceptionally fast dry feature of Tufcote 2.8 HG 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. It may be applied to metal, fiberglass, or most rigid materials.

Tufcote 2.8 HG can also be used as a Direct to Metal product, in certain select environments.

SUGGESTED USES

As an economy coating for use on properly prepared 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
- Easy to spray
- Improve efficiency by speeding up production
- Stocked in well-known industrial colors
- As a DTM- in select environments- Contact Axalta for more information

COMPATIBILITY WITH OTHER COATINGS

- For best results, apply over Tufcote 1200, 4400, 7900, 690 or Tufcote 3.3PR series primers.
- Can also be applied over old coatings in good condition, after testing for adhesion.

COLOR

33844W White
3301 Black
3310 Safety Red
3345 Light Yellow
3393 Silver Metallic

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



MIXING

COMPONENTS

Tufcote 2.8 HG Topcoat 1gallon container 100% full (128 oz.)

NOTE: White 33844W is short filled and used as a mixing base as well.

MIXING

Mix thoroughly before use and/or after thinning. Assure color is uniform and there are no solids on can bottom. If thinning is required, add up to 10% Tufcote 8020 Exempt Thinner.

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: 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 PR (1200 waterborne series), Tufcote LV PR (4400 series) or Tufcote Hydro LV PR (7900 series) primer, Tufcote 2.1 PR 680 or 690 series, or Tufcote 3.3PR.

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.

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.



DRY TIMES

Cure Time at Recommended Thickness @ 50% RH

	77°F (25°C)
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	49% - 53%
Weight Solids	52% - 60%
Theoretical Coverage Per Gallon	790 - 851 ft ² per gallon @ 1 mil DFT
Solvents Used	Parachlorobenzotrifluoride/Aliphatic Hydrocarbons/Xylene/Toluene/Ketones
Flash Point	1°F/TCC
Gloss	Extremely High Gloss 85+
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).

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.

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.

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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