



Tufcote™ LV HG

High Gloss Acrylic Alkyd Topcoat

(Formerly Maximus 4400 Series)



GENERAL

DESCRIPTION

Tufcote LV HG Topcoat is an industrial maintenance coating formulated at 0.8 lbs/gal (100 g/l) VOC to meet the requirements of SCAQMD Rule 1113 for the category of Industrial Maintenance Coatings. Tufcote LV HG Topcoat is a durable enamel made from a premium quality, acrylic modified, alkyd resin. Formulated to give long-term weather protection, Tufcote LV HG 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 application.

SUGGESTED USES

As an economy coating on properly prepared, steel and wood for engines, buildings, tractors, oil field equipment, drilling rigs, pipe lines, machinery, outdoor furniture, steel towers, sheds, tanks, trucks and construction equipment where the following attributes are desirable:

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

COMPATIBILITY WITH OTHER COATINGS

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

COLOR

4401 Black	4445 Safety Yellow
4410 Safety Red	4464 Safety Blue
4415 Safety Orange	

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



MIXING

COMPONENTS

Tufcote LV HG Topcoat 1 gallon container 100% Full (128 oz.)

MIXING

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

POLYURETHANE CATALYST: For increased performance, Tufcote 4499 Polyurethane Catalyst may be added to Tufcote LV HG Topcoat. Refer to the Catalyst label for directions and precautions regarding applying products containing POLYISOCYANATES.

Mix: ½ pint 4499 Polyurethane Catalyst to 1 gallon base components of Tufcote LV HG Acrylic Alkyd.



Reduction

If thinning is necessary, reduce with Tufcote 82 Super Gloss & Flow Zero VOC Reducer or Tufcote 8020 Zero VOC Exempt Solvent, up to 10%.

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, 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 Tufcote 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: 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 Tufcote Primer.

BARE WOOD: Clean wood thoroughly. Prime and seal with one coat of Tufcote Primer or Tufcote Enamel (tinted close to finish color, if desired).

APPLICATION

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

CLEAN UP THINNERS

Clean pad applicators, brushes and rollers immediately after use with soap and cold water. Clean spray equipment immediately after use with water followed with Tufcote 8020 Zero VOC Exempt Solvent.



DRY TIMES

Cure Time at Recommended Thickness @ 50% RH

	<u>77°F (25°C)</u>
To Touch	4 - 6 hours
To Handle	Overnight
Recoat Time	2 hours
Full Cure	7 days



PHYSICAL PROPERTIES

Viscosity	80 - 85 Kneb Units @ 77°F
Volume Solids	53% - 56%
Weight Solids	52% - 61%
Theoretical Coverage Per Gallon	860 - 900 ft ² per gallon @ 1 mil DFT
Solvents Used	PCBTF/TBAC/Aromatic Solvents
Flash Point	40°F/TCC
Gloss:	Extremely High Gloss 90+
Shelf Life:	12 months
Recommended DFT:	2-3 mils DFT (4-6 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).

0.8 lbs/gal (100 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.

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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