



ULTRACOTE 845 HB Topcoat

(High Build Chlorinated Rubber Topcoat)

(Paints & Coatings)

HEAVY DUTY, HIGH PERFORMANCE

GENERIC CLASS: 100 % chlorinated rubber.

PRODUCT DESCRIPTION: Ultracote 845 HB Topcoat is unmodified rubber resin with inert chlorinated paraffin waxes and contains chemical resistance properties which act as passivating agent in preventing corrosion of steel. Particularly recommended for splash, spillage and fumes of caustics, acids, salts and water. Frequently used as a topcoat over inorganic zinc base coats. It exhibits abrasion resistance and weathering properties.

TYPICAL USES: Recommended for use as protective coating on areas expose to aggressive chemicals, highly corrosive environments such as pulp and paper plants, fertilizer plants, chemical processing, petroleum, etc. It is also recommended for protection of marine and offshore structure even on submerged surfaces.

LIMITATIONS: Not recommended for immersion service on acids or solvent exposures.

CHEMICAL RESISTANCE GUIDE:

<u>Exposure</u>	<u>Service</u>	<u>Splash & Spillage</u>	<u>Fumes</u>
Acids	Fair	Very Good	Excellent
Alkalies	Fair	Very Good	Excellent
Solvents	NR	Poor	Poor
Salts	Very Good	Excellent	Excellent
Water (sea & fresh)	Excellent	Excellent	Excellent

TEMPERATURE RESISTANCE: (Dry Basis)

Sustained	:	150°F (65°C)
Intermittent	:	200°F (93°C)

ABRASION RESISTANCE: Good

FLEXIBILITY: Good

WEATHERING: Very Good

SUBSTRATES: Properly primed steel.

TOPCOAT REQUIRED: Normally none. May be topcoated with itself, Ultracote 830 Finish or Ultracote Anti-foulings or others as recommended.

COMPATIBILITY WITH OTHER GENERICS: May be applied over most chlorinated rubbers, epoxies, inorganic zincs, acrylics and some alkyds. Consult Ultracote Technical Services for specific recommendation.

CALCULATED VOLUME SOLIDS:

Ultracote 845 HB Topcoat 42%±2%

RECOMMENDED DRY FILM THICKNESS PER COAT:

3 - 4 mils (75 - 100 microns)

CALCULATED COVERAGE PER MIXED GALLON:

673 sq. ft. per mil (16.5 sq. m./li. @ 25 microns)
 224.6 sq. ft. @ 3 mils (5.5 sq. m./li. @ 75 microns)
 168.4 sq. ft. @ 4 mils (4.13 sq. m./li. @ 100 microns)

NOTE: Assume loss factor when estimating job requirements.

SHELF LIFE: 12 month minimum.

FLASH POINT: 68°F (20°C)

COMPONENT: One

COLORS: Red, Green, Blue and Gray. Other colors are available upon request.

FINISH: Flat and Semi Gloss

MIXING: Mix to uniform consistency before application. Thin up to 15% by volume with Ultracote Thinner #10.

Do not over thin! Over thinning will adversely affect the coating performance.

APPLICATION TEMPERATURES:

Materials : 40-100°F (4-38°C)
Surfaces : 35-150°F (2-66°C)
Ambient : 40-120°F (4-49°C)

Do not apply when the surface temperature is less than 5°F (2°C) above the dew point.

SURFACE PREPARATION: Remove any oil or grease from surface to be coated with clean rags soaked in Ultracote Thinner #2 or toluol.

STEEL: Apply over clean, dry recommended primer.

CONCRETE: Apply over clean, dry recommended alkali resistant primer or surfacer.

SPRAY TECHNIQUE: Use adequate air volume for correct operation. Use 50% overlap with each pass of the gun. On irregular surfaces, coat the edges first, making an extra pass later.

SUGGESTED APPLICATION EQUIPMENT:

CONVENTIONAL SPRAY: Use a 3/8" I.D. material hose. Hold gun 8-10 inches from the surface and at right angle to the surface.

<u>Mfr. & Gun</u>	<u>Fluid Tip</u>	<u>Air Cap</u>
Binks #18 or #62	66	66PB
DeVilbiss P-MBC	E	704 or JGA

AIRLESS SPRAY: Use 3/8" I.D. Material hose. Hold gun 12-14 inches from the surface and at right angle to the surface.

<u>Mfr. & Gun</u>	<u>Pump</u>
DeVilbiss JGB-507	QFA-519 32:1
Graco 205-591	Bulldog 30:1
Binks Model 500	Jupiter 8D 35:1

Use a 0.017" - 0.021" tip with 2,200 psi.

BRUSH OR ROLLER: Use natural bristle brush applying with full strokes. Avoid rebrushing. If rolled, use a short nap mohair roller with phenolic core. Avoid rerolling.

DRYING TIMES:

To Touch : 30 mins @ 90°F (32°C)
60 mins @ 75°F (24°C)
To Recoat : 1 hr @ 90°F (32°C)
3 hrs @ 75°F (24°C)
Dry Hard : 24 hrs @ 75°F (24°C)

CLEAN-UP: Use Ultracote Thinner #2 or toluol.

STORAGE TEMPERATURE:

Minimum : 40°F (4°C)
Maximum : 110°F (49°C)

PACKAGING: Gallon Kit (3.785 liters)
Pail (4 & 5 Gallons)

SAFETY INFORMATION: This product (and any recommended thinners) contains solvents and/or other chemical ingredients. Adequate health and safety precautions should be observed during storage, handling, application and curing. Keep away from sparks, heat and open flame and use necessary safety equipment such as air mask, non-sparking tools and ladders, etc. When working in tanks, rooms and other enclosed spaces, adequate ventilation must be provided. Keep out of reach of children.

WARRANTY & LIMITATION OF SELLER'S LIABILITY: Ultracote Paints and Coatings Corporation, warrants only its paints represented herein meet the formulation standards of Ultracote Paints and Coatings Corporation.

THE WARRANTY DESCRIBED IN THE ABOVE PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

The buyer's sole and exclusive remedy against Ultracote Paints and Coatings Corporation shall be for replacement of the product or refund of the purchase price in the event that a defective condition of the product should be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO THE BUYER. The sole purpose of this exclusive remedy shall be to provide buyer with replacement of the product or refund of the purchase price of the product if any defect in materials is found to exist. This exclusive remedy shall not be deemed to have failed its essential purpose so long as Ultracote Paints and Coatings Corporation is willing and able to replace the defective materials or refund the purchase price.

Technical and application information herein is provided for the purpose of establishing a general profile of the coating and proper coating application procedures. Test performance results were obtained in a controlled environment and Ultracote Company makes no claim that these tests or any other tests, accurately represent all environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection and use of the coating.

ULTRACOTE PAINTS & COATINGS CORPORATION

Main Office: No. 114 Eagle St. corner F. Legaspi St., Brgy. Ugong, Pasig City, Philippines
Tel. Nos. +63 2 671-3409 / 671-9261; Telefax Nos. +63 2 671-3410 / 671-3414
Cebu Office: Rm. 307 N & N Cortes Arcade, AC Cortes Avenue, Mandaue City, Philippines
Tel. No. +63 32 344-0268; Telefax No. +63 32 344-1638
E-mail: contact@ultracote.net | Website: <http://www.ultracote.net>