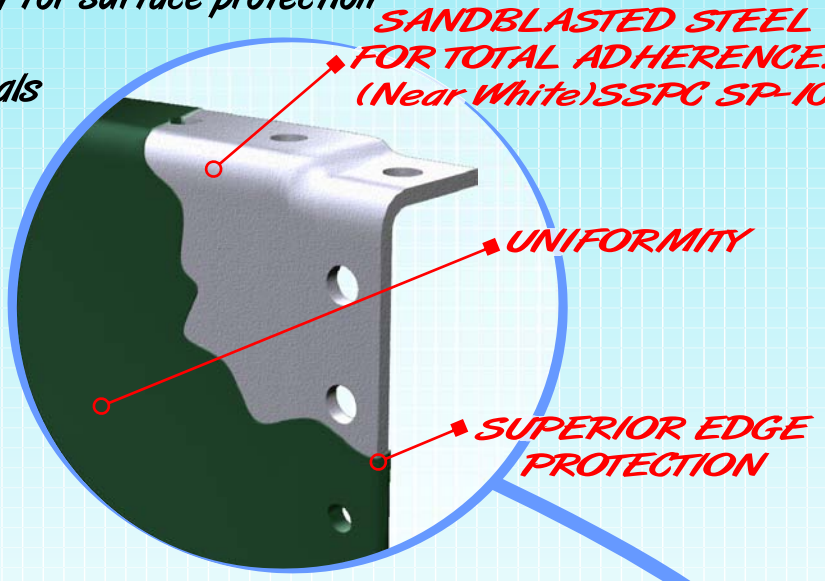
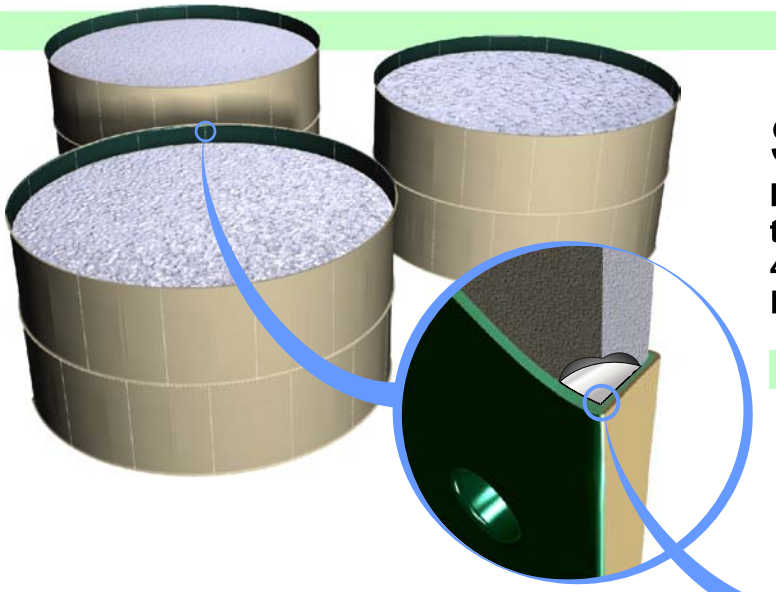
SUPERIOR TANK COMPANY INC.®

WHY SHOULD YOU SELECT 3M™ Scotchkote™ 134/135 POWDER COATING OVER GLASS LINED COATINGS?

- Equal to or Better than the glass lined products at a Lower Cost !!
- Electrostatic application assures 100% adherence and uniformity
- The Best Chemical Resistance you can get for surface protection
- Tested in over 1000 common used chemicals
- High impact and abrasion resistance
- Easy to repair
- Environmentally Safe
- Flexible with no cracking
- No primer required



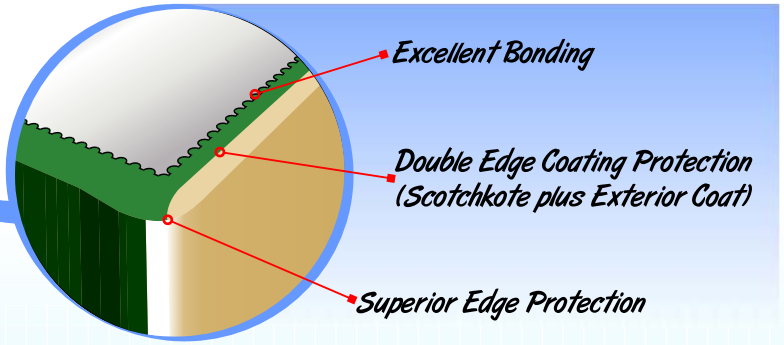
- Fast cure, because its never Wet! (Max. 25 minutes)
- Scotchkote 134/135 coating has been tested and certified to ANSI / NSF-61 Standards .
- And all the support and experience of a world wide Company!!!! 3M™ Products.



3M Scotchkote 134/135
POWDER COATING

Scotchkote 134/135 Fusion Bonded Epoxy Coating has been used extensively in the oil and gas industry to coat the exterior and the interior of line pipe; over 40,000 (65,000 Km) miles of Scotchkote coated pipe has been installed throughout the world.

Certified SUPERIOR EDGE PROTECTION!!



Chemical/Pressure/Temperature Resistance

Operating Results

Test Conditions	Gas Phase	Results
Autoclave, 120°F (49°C) 48 hours, 1500 psi (10.3 Mpa)	99.5% Co_2 0.5% H_2S	Excellent adhesion, no coating loss or blisters in aqueous, hydrocarbon, or gas phase
Autoclave, 150°F (66°C) 24 hours, 2200 psi (15.2 Mpa)	80% CH_4 12% CO_2 8% H_2S	Excellent adhesion, no coating loss or blisters in aqueous, hydrocarbon, or gas phase
Autoclave, 200°F (93°C) 24 hours, 3300 psi (22.8 Mpa)	86% CH_4 8% CO_2 6% H_2S	Excellent adhesion, no coating loss or blisters in aqueous, hydrocarbon, or gas phase
Autoclave, 300°F (149°C) 24 hours, 3000 psi (20.7 Mpa)	90% CH 10% CO_2 Trace H_2S	Excellent adhesion, no coating loss or blisters in aqueous, hydrocarbon, or gas phase

Typical Properties

Property	Value
Color	134 - Forest Green / 135 - Gray
Specific Gravity - Powder (Air Pycnometer)	1.51
Coverage	127 ft^2/lb/mil (0,66 m^2/kg/mm)
Fluidized Bed Density	33 lbs/ft^3(530 kg/m^3)
Shelf Life at 80°F (27°C)	18 months
Average Gel Time at 400°F (204°C)	134/70 seconds 135/45 seconds
Pill Flow	75 - 100 mm
Edge Coverage	12% - 18%
Minimum Explosive Concentration	0.03 oz/ft^3(30,6 g/m^3)
Ignition Temperature	986°F (530°C)

Chemical Resistance Exposure at 73°F (23°C)*

- Acetic Acid up to 25%
- Acetone (softened)
- Aluminum Chloride
- Aluminum Hydroxide
- Aluminum Nitrate
- Aluminum Sulfate
- Ammonium Carbonate
- Ammonium Chloride
- Ammonium Hydroxide up to 100%
- Ammonium Nitrate
- Ammonium Phosphate
- Ammonium Sulfate
- Amyl Alcohol
- Barium Carbonate
- Barium Chloride
- Barium Hydroxide
- Barium Nitrate
- Barium Sulfate
- Benzene
- Boric Acid
- Borax
- Butyl Alcohol
- Cadmium Chloride
- Cadmium Nitrate
- Cadmium Sulfate
- Calcium Carbonate
- Calcium Chloride
- Calcium Hydroxide
- Calcium Nitrate
- Calcium Sulfate
- Calcium Disulfide
- Carbon Tetrachloride
- Caustic Potash
- Caustic Soda
- Chlorine 2%
- Citric Acid up to 25%
- Copper Chloride
- Copper Nitrate
- Copper Sulfate
- Crude Oil
- Cyclohexane
- Cyclohexene
- Cyclopentane
- Detergent
- Diesel Fuel
- Diethylene Glycol
- Dipropylene Glycol
- Ethanol (softened)
- Ethylbenzene
- Ethylene Glycol
- Ferric Chloride up to 50%
- Ferric Nitrate
- Ferric Sulfate
- Ferrous Nitrate
- Ferrous Sulfate
- Formaldehyde up to 100%
- Formic Acid up to 10%
- Freon; Gas and Liquid
- Gas (Mfg)
- Gas (Natural)
- Gasoline Leaded
- Gasoline Unleaded
- Glycerine
- Heptane
- Hexane
- Hexylene Glycol
- Hydrochloric Acid up to 25%
- Hydrofluoric Acid up to 40%
- Hydrogen Sulfide
- Isopropyl Alcohol
- Jet Fuel
- Kerosene
- Linseed Oil
- Lubricating Oil
- Magnesium Carbonate
- Magnesium Chloride
- Magnesium Hydroxide
- Magnesium Nitrate
- Magnesium Sulfate
- MEK (softened)
- Mercuric Chloride
- Methanol (softened)
- MIBK (Methyl Isobutyl Ketone)
- Mineral Oil
- Mineral Spirits
- Molasses
- Motor Oil
- Muriatic Acid
- Naphtha
- Nickel Chloride
- Nickel Nitrate
- Nickel Sulfate
- Nitric Acid up to 30%
- Nonane
- Octane
- Oxalic Acid
- Pentane
- Perchloroethylene
- Phosphoric Acid up to 50%
- Phosphorous Trichloride
- Potassium Aluminum Sulfate
- Potassium Bicarbonate
- Potassium Borate
- Potassium Carbonate
- Potassium Chloride
- Potassium Dichromate up to 10%
- Potassium Hydroxide
- Potassium Nitrate
- Potassium Sulfate
- Propylene Glycol
- Sewage
- Silver Nitrate
- Soap Solution
- Soaps
- Sodium Bicarbonate
- Sodium Bisulfate
- Sodium Carbonate
- Sodium Chlorate
- Sodium Chloride
- Sodium Hydroxide
- Sodium Meta Silicate up to 5%
- Sodium Nitrate
- Sodium Sulfate
- Sodium Thiosulfate up to 5%
- Stannic Chloride
- Sulfur
- Sulfuric Acid up to 60%
- Synthetic Sea Fuel (60% Naphtha)
- 20% Toluene, 15% Xylene
- 5% Benzene)
- Synthetic Silage
- Tetrapropylene
- Toluene
- Triethylene Glycol
- Trisodium Phosphate
- Turpentine
- Undecanol
- Urea
- Urine
- Vinegar
- Water
  - Chlorinated
  - Demineralized
  - Distilled
  - Salt
  - Sea
- Xylol
- Zinc Chloride
- Zinc Nitrate
- Zinc Sulfate
- 10-10-10 Fertilizer Saturated

*Tests conducted for two years on similar products. No effect unless otherwise stated.

SUPERIOR TANK COMPANY INC.®

SALES AND SERVICE LOCATIONS

RANCHO CUCAMONGA	9500 Lucas Ranch Road, Rancho Cucamonga, CA 91730	(909) 912-0580 FAX (909) 912-0585
BAKERSFIELD	19436 Colombo St., Bakersfield, CA 93308	(661) 392-0188 FAX (661) 392-8770
HOUSTON TX	4812 Old Richmond Road, Rosenberg, TX 77471	(281) 342-0750 FAX (281) 342-0751

VISIT US ON OUR WEB SITE AT **http://www.superiortank.com**

© SUPERIOR TANK COMPANY INC. All rights reserved. All trademarks are property of their respective owners.