ChemLINE® 784 WS
Wine and Spirits



A coating with superior chemical resistance and high temperature resistance, based on an Ethanol solvent formulation.

Description

ChemLINE® WS (Wine and Spirits) is a high functionality, two component thermoset polymer coating formulated with ethanol as the reduction solvent. ChemLINE® WS assures that no hydrocarbon contamination can occur in alcohol cargoes from the lining. ChemLINE® WS is formulated with a unique polymer, that when polymerized, cross links up to 784 times per molecule. This results in a virtually impermeable, highly chemical resistant coating.

ChemLINE® WS's higher cross link density and alcohol solvent formulation means:

- Outstanding chemical resistance to alcohols, acids, caustics and solvents
- High heat resistance
- High abrasion resistance
- No risk of hydrocarbon contamination of cargoes
- Suitable for food cargoes

Provides Superior Chemical Resistance to:

- Ethanol
- Methanol
- 98% Sulfuric Acid
- 37% Hydrochloric Acid
- 50% Sodium Hydroxide
- Methylene Chloride
- Acetic Acid
- Most acids, alkalis and solvents

Industry Applications

- **Food Processing –** Alcohol containing products such as wine and spirits
- **Transportation –** Rail, Truck, Marine
- **Storage Vessels**
- **Bio-Fuel and Alcohol Processing**
- **ISO tanks, OTR tankers, railcars and barges carrying alcohol based cargoes**

Product Highlights

- No hydrocarbon contamination of cargoes
- Superior corrosion resistance, exceptional toughness
- Superior bonding qualities
- Can be applied to pitted and/or corroded steel
- Maximum versatility; product cycling
- Ambient or lower temperature forced air cure
- Low VOC - 104 grams/L (0.87 lbs./ gal.)
- Virtually impermeable, steam cleanable, & field repairable
- Resists hydroblasting
- Complies with all FDA regulations
- ChemLINE® is generally recognized as safe (GRAS) for food grade cargoes
- High impact resistance
- Dry heat resistance to 400° F (204° C)

Typical Properties (mixed, as supplied)

- Stock Colors _____ Gray, White
- VOC Level _____ 104 grams/L (0.87 lbs./gal.)
- Pot Life _____ 30 minutes @ 75°F (24°C)
- Viscosity Reduction __ Reduce with 200 proof Ethanol ONLY
- Solids by Volume _____ 87%
- Recommended Film Thickness (dry) mils average _____ Steel: 12 mils (300 microns)
- Shelf Life _____ 12 months

For product recommendations and technical, application and heat curing information contact Advanced Polymer Coatings' customer service. Contact +1 440-937-6218.

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ChemLINE

MARINELINE® CHEMLINE®
ADVANCED POLYMER COATINGS

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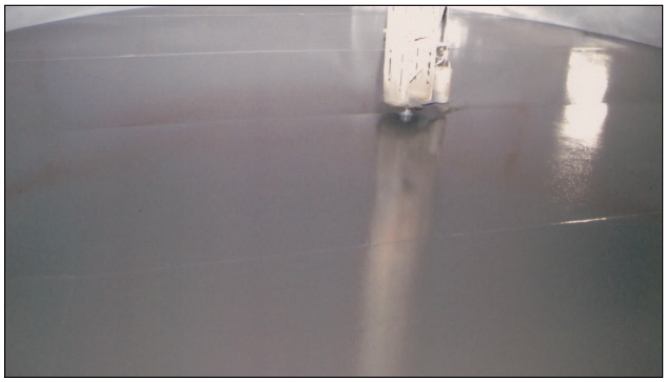
A History of Performance

For more than a decade ChemLINE® coatings have withstood the tremendous stresses and extremes of chemical attack and abrasive wear. ChemLINE® has been proven worldwide under the most arduous operating conditions, from resisting the most aggressive chemicals to handling hot pipelines in sub-freezing temperatures, with a history of success. Based on this experience, the development of ChemLINE® represents a quantum leap in chemical resistant polymer coatings.

Add to Your Profits — Specify ChemLINE®

For the full story on ChemLINE®, contact APC or click onto our web site at www.adv-polymer.com for the most versatile, technologically advanced and cost effective protection available.









The information contained in this brochure is intended to show the broad range of applications where Advanced Polymer Coatings' products have been used. This brochure is not an offer to sell any product. The information provided is not a warranty that Advanced Polymer Coatings' products are suitable for any specific service condition. All products sold by Advanced Polymer Coatings come with a warranty that the product supplied is suitable for the service condition disclosed by the customer prior to sale when properly applied. Advanced Polymer Coatings will not warrant the quality of the application work performed by others and shall have no liability for in service product failures resulting from improper application. Advanced Polymer Coatings offers a range of products for different service conditions. In the event a product supplied by Advanced Polymer Coatings is shown to be inadequate for the customer's conditions of service, Advanced Polymer Coatings shall, in its discretion, provide an alternative product or refund the purchase price and freight charges it received for the product. The replace or refund warranty given at the time of sale is the sole and exclusive warranty provided by Advanced Polymer Coatings. ALL IMPLIED WARRANTIES ARE DISCLAIMED, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. The products sold by Advanced Polymer Coatings are not intended for personal or household use. Advanced Polymer Coatings' products should only be used by professional applicators who have familiarized themselves with the written Manufacturer Safety Data Sheets and Application Guidelines available at www.adv-polymer.com.

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