

AMERICAN COATINGS

TL 41 VINYL ESTER FLAKE FILLED COATING

A vinyl ester high build coating for immersion lining.
Has excellent chemical resistance.

GENERAL FEATURES

- EXCELLENT CHEMICAL RESISTANCE
- HIGH FILM BUILD
- PROCESS EQUIPMENT COATING
- ECONOMICAL

DESCRIPTION

This product is designed for a 2 coat application over steel, aluminum, galvanize, or concrete. It forms a highly chemical resistant system for tanks or process equipment where, heavy corrosion is a main concern.

USES

American Coatings TL 41 Vinyl Ester is used in the marine, oil, and chemical process industry in areas such as interior storage tanks, process vessels, pipes, ducts, hoods, scrubbers, exhaust fans, etc. where areas need to be protected from aggressive chemicals. Also available in Gray TL 43.

PHYSICAL DATA

Finish ----- Semi Gloss
Color ----- White
Applied Over ----- Steel, Aluminum,
Galvanize, or Concrete
Components ----- Two
Cure ----- Catalytic (MEKP)

Volume Solids \pm 2% ----- 100%

Recommended Dry Film

Thickness ----- 12 – 15 mils per coat
Number of Coats ----- Two
Application Method ----- Airless, Brush
or Airless Proportioning Equipment

Thinning Required ----- None

Dry Time @ 77°F and 50% RH:

Touch ----- 4 – 6 hours
Through ----- 12 – 24 hours

*Theoretical Coverage at:

Recommended Thickness ----- 133 – 106 sq. ft/gal

Temperature Limit

Immersed ----- 250° F
Atmospheric ----- 400° F

Miscellaneous Properties

Shelf Life ----- 90 days
Pot Life – Mixed @ 77 °F ----- 45 minutes to 1 hour

Pot life accelerates greatly at elevated temperatures.

SURFACE PREPARATION

White Metal Sandblast (SSPC-SP5-63) (Sa3)

* Coverage's are theoretical and do not make provision for spray losses

** Normally requires 2 – 4 oz. MEKP for catalization per gallon.

TL 41

APPLICATION INFORMATION

Application by brush or spray. For airless spray consult your American Coatings Representative.

MIXING

Thoroughly mix Part B (MEKP Catalyst) into Part A. Be aware of the short pot life.

CLEAN-UP AND THINNING

Clean up with American Coatings TH 660, TH 670, or TH 315.

SPRAY EQUIPMENT

See your American Coatings Representative.

SAFETY INFORMATION

WARNING! FLAMMABLE!

American Coatings TL 41 is flammable. Applicators should receive adequate warning to avoid contact with peroxide catalyst or prolonged skin contact with liquid vinyl ester solvents, Since vinyl ester contains styrene monomer, adequate ventilation should be provided. Eyes should be protected with safety glasses. No open flame should be permitted in confined areas since styrene vapor can form explosive mixtures with air.

SHIPPING DATA

Proper Shipping Name ----- Paint Liquid
Hazard Class----- Flammable Liquid

Flash Pt. °F SETA ----- 88° F Part A
Oxidizer Part B

UN No.----- 1263

PACKAGING

Shipping Wt. PART A PART B
Fives 52.5 lbs. Pint 7.23 oz.

DISCLAIMER

The facts stated and the recommendations and suggestions herein are based upon experiments and supplier information believed to be reliable. No guarantee is made of their accuracy, however, and American Coatings ASSUMES NO LIABILITY FOR PRODUCT FAILURE OTHER THAN TO SUPPLY REPLACEMENT MATERIAL FOR PRODUCTS SHOWN TO BE DEFECTIVE WHEN DELIVERED OR TO REFUND THE PURCHASE PRICE. Except as stated, THERE ARE NO WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. AMERICAN COATINGS SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL AND CONSEQUENTIAL DAMAGES. No statement contained herein shall be construed as an inducement to infringe existing patents or as an endorsement of specific manufacturers.