

# AMERICAN COATINGS

## TL 13 EPOXY TANK LINING

### GENERAL FEATURES

- 100% SOLIDS EPOXY COATING
- HIGH FILM BUILD
- PROCESS EQUIPMENT COATING
- EXCELLENT CHEMICAL RESISTANCE

### 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. Also available is a glass flake filled version (TL13 GF) for increased abrasion resistance.

### USES

The TL 13 Series 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.

### PHYSICAL DATA

Finish -----Semi Gloss  
Color ----- Gray  
Applied Over ----- Properly prepared steel,  
galvanize or aluminum

Components ----- Two  
Cure ----- Catalytic 2:1  
Volume Solids----- 100 %

\*Note for specific chemical resistance information contact  
Your American Coatings representative

### **Recommended Dry Film**

Thickness ----- 12 – 15 mils/coat  
Number of Coats ----- Two  
Application Method ----- Airless, Brush

Thinning Required-----None

Dry Time @ 77°F and 50% RH:

Touch ----- 5 Hours  
Through ----- 12 Hours  
Topcoat - ----- 6 Hours

\*Theoretical Coverage at:

Recommended Thickness----- 135 – 105 sq. ft/gal.

### **Temperature Limit**

Immersed ----- 150°F  
Atmospheric ----- 300°F

### **Miscellaneous Properties**

Shelf Life ----- 1 Year  
Pot Life – Mixed @ 77°F----- 30 Minutes

### **SURFACE PREPARATION**

Surfaces should be free of dust, dirt, oils, moisture and other contaminants. White metal. Sandblast SSPC-SP5 - 63

\*Coverages are theoretical and do not make provision for spray losses

## General Chemical Resistance Guide

Crude ( sweet & sour)	E
Gasoline / Gasohol	E
Alkalis	E
Mineral Acids	E
Organic Acids	NR
Ethanol	E
Gases	E
Salts	E
Aliphatic Solvents	E
Aromatic Solvents	E

E= EXCELLENT    G = GOOD

F = FAIR    NR = NOT RECOMMENDED

This table is only a general guide. For specific recommendations consult your American representative

### **APPLICATION INFORMATION**

Do not apply below 50° F or humidities above 85 percent.

### **APPLICATION METHOD**

Preferred method is plural component, airless. Can be hot-potted, but be aware of short pot life.

### **MIXING**

Thoroughly mix Part B catalyst with Part A using mechanical agitation if using single component airless. Do not over mix due to very short pot life.

### **CLEAN-UP AND THINNING**

For clean-up use TH315 thinner.

### **SPRAY EQUIPMENT**

FOR AIRLESS SPRAY:

Pump Ratio ----- 45:1  
Air Supply (in) ----- 100 psi  
Hose Diameter (ID) ----- 1/4"  
Hose Length ----- 50'  
Tip Size ----- .017 - .025  
Atomization Pressure ----- 2400 psi

### **SAFETY INFORMATION**

#### **FOR PROFESSIONAL USE ONLY! WARNING!**

Use with adequate ventilation. Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator during and after applications unless air monitoring demonstrates vapor/mist levels are below applicable limits. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Refer to material safety data sheet (MSDS) regarding individual components

### **SHIPPING DATA**

Dot Proper Shipping Name ----- Not Regulated  
Dot Hazard Class ----- Not Regulated  
Dot UN/N Number ----- Not Regulated

Flammability Class ----- Combustible Liquid IIIB  
Flash Pt. °F SETA ----- Part A > 200° F  
Part B > 200° F

### **PACKAGING**

Shipping WT. -----	Part A	Part B
	Fives    58.5#	48.5#

#### 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.

REVISED 03/30/11

