



AMERICAN COATINGS

TC 48 VINYL ESTER CAULK

A vinyl ester caulk for use under the American Coatings Tank Lok #20 system.

GENERAL FEATURES

- EXCELLENT CHEMICAL RESISTANCE
- SPRAYABLE
- HIGH FILM BUILD
- CAN BE USED WITH GLASS TAPE FOR REINFORCEMENT

DESCRIPTION

American Coatings TC 48 Vinyl Ester Caulk is a 100% solids vinyl ester material characterized by its high film build characteristics. This material comes already promoted with cobalt and MEKP must be added.

USES

American Coatings TC 48 Vinyl Ester Caulk is a spray or hand applied caulk for special areas of a tank bottom (weld seams, chime, etc.) to prepare it for a laminate vinyl ester lining system.

SURFACE PREPARATION

Preferred:

White Metal Blast (SSPC-SP5-63)

PHYSICAL DATA

Finish ----- Semi Gloss
Color ----- Tan
Applied Over ----- Steel, Aluminum,
Stainless, or Concrete
Components ----- Two
¹Cure ----- Catalytic

Volume Solids ± 2% ----- 100%

Recommended Dry Film

Thickness ----- 62 mils
Number of Coats ----- One
Application Method ----- Airless Spray, Brush
or Special Catalyst Injection Equipment

Thinning Required----- None

Dry Time @ 77°F and 50% RH:

Recoat ----- 4 – 6 hours
Hard Dry ----- 12 – 24 hours

Theoretical Coverage at:

Recommended Thickness----- 24 linear ft/gal.

Temperature Limit

²Immersed ----- 250° F
Atmospheric ----- 400° F

Miscellaneous Properties

Shelf Life ----- 90 days
Pot Life – Mixed @ 77 °F----- 45 – 60 minutes

Pot Life accelerates greatly at elevated temperatures.

¹ Cure is accomplished by catalyzing with MEKP, usually 2 – 4 ounces per gallon.

² Temperature resistance dependent on actual service.



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APPLICATION INFORMATION

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

APPLICATION METHOD

Airless spray preferred, but can be brushed or troweled. Special spray equipment can be used on large jobs to get away from short pot life problems. See your American Coatings Representative for more details.

MIXING

Thoroughly mix MEKP catalyst into part A before application.

CLEAN-UP AND THINNING

Do not thin this product. Clean up with American Coatings TH 315 thinner.

SPRAY EQUIPMENT

FOR AIRLESS SPRAY

Pump Ratio -----	30:1
Air Supply (in) -----	100 psi
Hose Diameter (ID) -----	1/4"
Hose Length -----	75'
Tip Size (in) -----	.065"

SAFETY INFORMATION

WARNING! FLAMMABLE, HARMFUL IF INHALED, CAUSES IRRITATION

Keep away from sparks or flame. Vapors may cause flash fire. 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 peroxide catalyst or prolonged skin contact with vinyl ester resin. Contains styrene monomer.

SHIPPING DATA

Proper Shipping Name -----	Oxidizing Matt Paint Liquid
Hazard Class-----	Methyl Ethyl Ketone Peroxide Flammable Liquid Oxidizer
Flash Pt. °F SETA -----	88° F Part A Oxidizer Part B
UN No.-----	1263

PACKAGING

<u>Shipping Wt.</u>	<u>PART A</u>	<u>PART B</u>
	Fives 52.5 lbs.	Pints 7.33 oz.



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DISCLAIMER

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