

# GULF COAST PAINT MFG., INC

## CT-332 GULF-THANE POLYESTER POLYURETHANE CLEAR

### PRODUCT DESCRIPTION

Gulf-Thane CT-332 is a two component clear polyester aliphatic isocyanate polyurethane coating. This high performing Chemical Resistant Urethane (C.R.U.) coating provides exceptional resistance to many chemicals. Also, CT-332 produces a tough, durable film with extreme abrasion and impact resistance. CT-332 is ideal for both industrial and commercial applications.

### PRODUCT FEATURES

1. Excellent chemical resistance.
2. High gloss.
3. Excellent weather resistance.
4. Highly resistant to abrasion and impact.
5. Non-chalking and non-yellowing.
6. Extremely hard, yet flexible.
7. Outstanding "wearing" properties.
8. Easy to clean.
9. Top coat for decorative floors, toppings, and pigmented epoxy concrete coatings.

### PRODUCT USES

CT-332 is ideal as a clear top coat for color quartz, vinyl/acrylic chip decorative floors, pigmented epoxy and polyurethane coatings, epoxy slurries/mortars, interior wood, brick and warehouse floor coatings. CT-332 is designed for application in factories, assembly plants, labs, institutions, garages, chemical processing plants, pulp and paper mills, power plants, dairies and many other facilities.

### TECHNICAL DATA

Colors: Clear

Clean Up: SA-17 or S-74

Gloss: High gloss

Pot Life @ 75 °F: 4 hours

Volume Solids: 55 ± 2%

Recoat Time @ 75 °F: 8 hours minimum  
24 hours maximum

Theoretical Coverage: 882 sq. Ft. @ 1.0 mil DFT

Application: Lambs Wool applicator, mohair roller, brush, spray.

Recommended Dry Film Thickness: 2-3 dry mils per coat at 290-440 sq. ft. per gal.

Application Temperature: 50°F-100°F.

Mixing Ratio: 2:1 by volume  
Mix 2 parts Base (Part A)  
to 1 part Hardener (Part B)

Dry Service Temperature: 250 °F

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Induction Time: None

Shelf Life: 1 year

Thinning: None

Packaging: 15 Gl or 1.5 Gl. Units

V.O.C: 3.25 LBSGL (389 GMS/L)

## MIXING INSTRUCTIONS

Stir each component to a uniform consistency. Do Not vary proportions. Gulf-Thane CT-332 is prepared by mixing 2 parts BASE (Part A) to 1 part HARDENER (Part B) with a slow speed explosion proof variable speed drill with a Jiffy mixer. Be sure material is thoroughly mixed together. Do not thin CT-332. Use as supplied.

## APPLICATION PROCEDURE

Gulf-Thane CT-332 Clear Polyurethane is a top coat and is normally not recommended directly over unprimed surfaces. Apply over appropriate primers, intermediate coats, or decorative floors. Surfaces must be free from all oil, grease, water or other foreign matter. Surface should be dry and above 50° F and rising. Relative humidity should not exceed 85%. Gulf-Thane CT-332 is moisture sensitive during application and initial cure. Do not apply if surface temperature is within 5° of Dew Point. Not recommended on floors susceptible to hydrostatic pressure. Best methods of application are using lambs wool applicators or mohair rollers. CT-332 can be brushed by using pure Chinese bristle brushes. For rolling, use a shed resistant phenolic core mohair cover. Roll in the same direction, always keeping a wet edge. Do not over roll product. For safety and proper curing, proper ventilation is necessary throughout application and cure. When using pigmented Intermediate Coats, be sure the batch numbers are all the same to provide a uniform base color. CT-332 can be sprayed with an airless or conventional unit.

## CURE TIME

| <u>Temperature</u> | <u>Tack Free</u> | Heavy/Vehicular       |                       | <u>Foot Traffic</u> | <u>Traffic</u> |
|--------------------|------------------|-----------------------|-----------------------|---------------------|----------------|
|                    |                  | <u>Minimum Recoat</u> | <u>Maximum Recoat</u> |                     |                |
| 90° F              | 1-1/2 Hours      | 6 Hours               | 18 Hours              | 18 Hours            | 48             |
| Hours              |                  |                       |                       |                     |                |
| 75° F              | 3 Hours          | 8 Hours               | 24 Hours              | 24 Hours            | 72 Hours       |
| 50° F              | 16 Hours         | 24 Hours              | 48 Hours              | 48 Hours            | 5 Days         |

## CAUTIONS

CT-332 is flammable. Keep away from all sources of ignition during mixing, application and cure. Contains Aliphatic Polyisocyanates, N-Butyl Acetate, Xylene and PM Acetate. The HARDENER (Part B) and mixtures of BASE (Part A) with HARDENER (Part B) can cause eye and skin burns as well as allergic reactions. The use of goggles, fresh air masks or NIOSH approved respirators, protective skin cream and protective clothing is a recommended standard practice when spraying. This product is sold without warranty as to performance expressed or implied. Users are urged to make their own tests to determine the suitability for their particular conditions.

**SEE MATERIAL SAFETY DATA SHEET FOR FULL SAFETY PRECAUTIONS.**

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