

# GULF COAST PAINT MFG., INC.



**Manufacturers of High Performance Industrial Coatings**

## **CT-332 GULF-THANE POLYESTER POLYURETHANE CLEAR FAST CURE**

### **PRODUCT DESCRIPTION**

Gulf-Thane CT-332 is a two component clear polyester aliphatic isocyanate polyurethane coating. CT-332 Clear is used as a fast curing clear topcoat for decorative floor systems. 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. Quick turnaround time.
2. Excellent chemical resistance.
3. High gloss.
4. Excellent weather resistance.
5. Highly resistant to abrasion and impact.
6. Non-chalking and non-yellowing.
7. Extremely hard, yet flexible.
8. Outstanding "wearing" properties.
9. Easy to clean.
10. 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

**GLOSS:** High gloss

**VOLUME SOLIDS:** 55 ± 2%

**COVERAGE** (Theoretical): 882 sq. Ft. @ 1.0 mil DFT

**RECOMMENDED DRY FILM THICKNESS:**  
2-3 dry mils per coat at 290-440 sq. ft. per gal.

**MIXING RATIO:** 2:1 by volume  
Mix 2 parts Base (Part A) to  
1 part Hardener (Part B)

**INDUCTON TIME:** None

**THINNING:** Normally not required

**CLEAN UP:** SA-17 or S-74

**POT LIFE @ 75°F:** 1-1/2 hours

**RECOAT TIME @ 75°F:** 4 hours minimum; 24 hours maximum

**APPLICATION:** Lambs Wool applicator, short nap roller, brush, spray

**APPLICATION TEMPERATURE:** 50°F - 100°F

**DRY SERVICE TEMPERATURE:** 200°F

**SHELF LIFE:** 1 year

**PACKAGING:** 15 Gal. or 1.5 Gal. Units

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

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## 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. Thinning is normally not required.

## 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 short nap rollers. CT-332 can be brushed by using pure Chinese bristle brushes. For rolling, use a 1/4" – 3/8" shed resistant phenolic core short nap 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. Any foodstuff and furnishings in the application area should be removed prior to application. 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 unit.

## CURE TIME

<u>Temperature</u>	<u>Minimum Recoat</u>	<u>Maximum Recoat</u>	<u>Foot Traffic</u>	<u>Heavy/Vehicular Traffic</u>
90°F	3 Hours	12 Hours	3-4 Hours	16-24 Hours
75°F	4 Hours	16 Hours	5-6 Hours	24-36 Hours
50°F	8 Hours	24 Hours	12-16 Hours	36-48 Hours

## 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.  
FOR PROFESSIONAL AND INDUSTRIAL USE ONLY  
KEEP AWAY FROM CHILDREN. NOT FOR RESIDENTIAL USE**

Technical Bulletin GCP-332  
Rev. 10/2018

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