



DYC784X

EPOXY-TITE CHEMICAL RESISTANT FLOOR EPOXY 7841 and 7843 Data Sheet

CHARACTERISTICS

Dyco Epoxy-Tite is a two-component semi-gloss Epoxy that has excellent acid, chemical, impact and abrasion resistance. It resists the growth of mold, mildew and fungi. Produces a "tile-like" finish for easy maintenance.

RECOMMENDED USES

- A highly protective self priming floor epoxy.
- A chemical resistant primer under epoxies or urethanes.
- Excellent for utility, warehouse, garage and lab floors.

FEATURES/BENEFITS

- Excellent Chemical Resistance
- Extremely Durable Protective Coating
- Tintable Bases: Light - Dark Color Ranges

RECOMMENDED PRIMERS

None. This is a self-priming product.

SPECIAL NOTES

CAUTION: Combustible liquid and vapor.

FOR ADDITIONAL INFORMATION

See MSDS or call toll-free 1-800-282-7901.

TECHNICAL DATA

Vehicle Type Epoxy/Amide
 Finish/Sheen Semi-Gloss
 Solids by Weight 69% ± 1%
 Solids by Volume 53% ± 1%
 Viscosity 81 KU
 VOC (less exempt solvents) 400 g/L.
 Weight per Gallon 12.32lbs.

COVERAGE

Apply 7.5 mils wet to achieve 4 mils DFT (Actual coverage may vary depending on type of substrate, and application method.)

AVAILABLE BASES

- 7841 - Tint Base
- 7843 - Neutral Base

KEY ATTRIBUTES

Application Temperatures: 50 - 110°F (10 - 43.33°C)
 Application Tools: Brush, Roller, or Spray
 Dry Times: STT 1 Hour; TF 3 Hours
 (Dry Time Based on 77°F (25°C), 50% RH)
 Pot Life: 2 hours
 Thinner: R-28
 Clean Up: R-28

NOTE: Allow 30 Days Curing Before Washing

PHYSICAL PROPERTIES

Flash Point 81°F (27.2°C)
 Perm Rating < 10 Perms
 Alkali Resistance Excellent
 Mildew Resistance Excellent





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EPOXY-TITE CHEMICAL RESISTANT FLOOR EPOXY 7841 and 7843 Precautions & Application Guide

PRECAUTION: Do not freeze. Wear protective clothing, gloves and eyewear during application and cleanup of this product. Do not transport on passenger seats or inside passenger compartment of any vehicle. Store product in cargo area of vehicle, and secure with protective cloths to prevent accidental spill damage. Do not store at temperature above 100°F (37.77°C). Do not use in drinking water or food systems.

SURFACE PREPARATION (NEW CONCRETE): must be at least 30 to 45 days old, clean, dry, and free of all grease, oil, loose paint, dust, etc. If necessary, clean with a good degreaser or detergent and brush and/or pressure wash. If new concrete is non-porous and steel troweled, use #9040 Tuff Grip as a prime coat. Warning: DO NOT ETCH bare concrete with an acid solution. Acid etching will cause a chemical burn from within the concrete slab.

NOTE: Do not paint if the surface is damp. Check moisture as needed with a moisture meter or conduct a "matt" test to insure that the surface is dry. Caution: Use rubber gloves, work goggles and protective clothing during all cleaning procedures.

LOOSE OR POORLY CURED CONCRETE OR CONCRETE DUST: If the concrete is loose, chipped or has concrete dust present, the coating will not perform properly unless all loose material and dust is removed and damaged area repaired and cured.

MIXING: Read and follow label instructions before use. Pot Life is a maximum of 2 hours. Be sure to mix in a well-ventilated area by hand stirring.

TOOLS: Apply with a roller. Use a 1/4" synthetic nap cover with a phenolic core. Apply as two coats. Let dry completely between coats.

COVERAGE: Actual coverage may vary depending on substrate and application method.

THINNING: R-28

LIMITATIONS: Do not apply in direct sunlight or when air or surface temperature is below 50°F (10°C) or above 114°F (45.55°C). Do not apply if temperature is less than 5°F (2.7°C) above dew point. Do not apply if surface is damp or if precipitation is expected within 4 hours.

CAUTION!

HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. USE WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. KEEP CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

To avoid breathing vapor, spray mist, or sanding dust, open windows and doors or use other means to ensure fresh air during sanding, application, and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave area.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

CALIF. PROP. 65 • CHEMICAL WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Use proper protection and adequate ventilation, when using product.

FIRST AID: If you experience difficulty in breathing, leave area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

Material Safety Data Sheet available upon request.



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