SUPER DIAMOND CLEAR TB
Non-yellowing, Low VOC, Exempt Solvent Based Concrete Curing Compound And Cure & Seal

DESCRIPTION
SUPER DIAMOND CLEAR TB is a state-of-the-art concrete curing compound and cure & seal specially designed with a high solids formulation to provide the most efficient moisture retention for proper cement hydration and strength gain as well as protection from liquids, weathering and abrasion. SUPER DIAMOND CLEAR TB is particularly well suited for exterior architectural concrete where membrane yellowing is undesirable. SUPER DIAMOND CLEAR TB is formulated with a unique exempt solvent blend that gives this product all the performance benefits of traditional solvent based curing and sealing products while ensuring compliance with VOC laws in regulated areas.

PRIMARY APPLICATIONS
- Exterior or interior concrete surfaces
- Walls and columns
- Terrazzo floors
- Curing architectural concrete

FEATURES/BENEFITS
- Seals all concrete surfaces providing a glossy appearance and easier clean-up
- Improves new concrete by promoting a proper cure and development of a strong surface
- Dustproofs concrete with a tough durable film
- Will not yellow under ultraviolet exposure
- Good blush resistance in damp areas

TECHNICAL INFORMATION

Typical Engineering Data
The following results were developed under laboratory conditions:

- **Drying time**: @ 73°F (24°C), 50% RH: ........ <1 hour
- **Recoat**: ...........................................2 to 24 hours
- **Foot traffic**: ....................................2 to 4 hours
- **Wheel traffic**: .................................6 to 10 hours
- **VOC content**: ...............................< 350 g/L

**Appearance**: SUPER DIAMOND CLEAR TB is a clear liquid that after drying provides a clear, glossy film. Follow recommended coverage rates for best performance.

Adhesion to concrete: excellent
Adhesion of asphalt tile: passes
Alkali resistance: 48 hour exposure: excellent
Solvent resistance: minimal
Resistance to yellowing: excellent
Solids content: > 25%
Moisture loss: ASTM C 156: < 0.40 kg/m²

*Low concrete or air temperatures and/or high relative humidity will extend drying times and appearance.

PACKAGING
SUPER DIAMOND CLEAR TB is packaged in 55 gal (208 L) drums and 5 gal (18.9 L) pails.

SHELF LIFE
3 years in original, unopened package.

COVERAGE

<table>
<thead>
<tr>
<th>Application</th>
<th>Optimal First Coat</th>
<th>Optimal Second Coat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curing and Sealing</td>
<td>300 to 400 ft²/gal</td>
<td>400 to 450 ft²/gal</td>
</tr>
<tr>
<td>New Concrete</td>
<td>(7.4 to 9.8)</td>
<td>(9.8 to 11.0)</td>
</tr>
<tr>
<td>Sealing</td>
<td>450 to 550 ft²/gal</td>
<td>400 to 450 ft²/gal</td>
</tr>
<tr>
<td>Older Concrete</td>
<td>(11.0 to 13.5)</td>
<td>(9.8 to 11.0)</td>
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</tbody>
</table>

Coverage will vary depending on surface porosity and texture. Avoid excessive build-up. For best protection and appearance, the use of EVERCLEAR or EVERCLEAR TB is recommended for use on existing, already cured, or older concrete.

SPECIFICATIONS/COMPLIANCES
- ASTM C 309, Type 1, Class A & B
- ASTM C 1315*, Type 1, Class A
- AASHTO Specification M 148, Type 1, Class A & B
- USDA compliant


*Does not meet flash point requirement

The Euclid Chemical Company
19218 Redwood Rd. • Cleveland, OH 44110
Phone: [216] 531-9222 • Toll-free: [800] 321-7628 • Fax: [216] 531-9596
www.euclidchemical.com
Surface Preparation: The concrete surface must be clean and free of standing water. Remove any sealer or other material that may prevent adhesion of the SUPER DIAMOND CLEAR TB.

Mixing: SUPER DIAMOND CLEAR TB requires no preblending and should be used directly from the container.

Application: Apply at a uniform coverage with an industrial hand held pump-up sprayer equipped with a 1.0 gallon per minute (3.8 L per minute) spray tip and neoprene fittings. Common garden-type sprayers should not be used. Keep pressure in pump-up sprayers as high as possible to ensure a steady and even spray pattern. If backrolling over spray-applied sections, use a short 1/4" (0.64 cm) nap, solvent resistant roller cover. Any backrolling must immediately follow spraying, as this product dries quickly. It is helpful to keep the roller wet with SUPER DIAMOND CLEAR TB or Euco Solvent while rolling.

If applying SUPER DIAMOND CLEAR TB by roller only, use a short 1/4" (0.64 cm) nap, solvent resistant roller cover. Keep the roller wet and keep a wet edge while applying to avoid lap marks. Do not roll back and forth excessively, as this will cause bubbling.

The first coat of SUPER DIAMOND CLEAR TB acts as a primer for the second coat. Allow the first coat to dry tack-free before applying the second coat. Best performance and appearance is achieved with two THIN coats, following the prescribed coverage rates.

NOTE: SUPER DIAMOND CLEAR TB dries very quickly (faster than standard solvent-based products). While spraying, keep the sprayer tip down near the concrete within 8" (20 cm) of the surface. Use of this product in hot weather, in direct sunlight, or in windy conditions can cause bubbling. The best time to apply this product is on a cool, overcast day when the temperature is 50°F to 80°F (10°C to 27°C) and is not expected to rise above 85°F (29°C) during application and drying time. Keep SUPER DIAMOND CLEAR TB cool before applying. In cool weather, consider SUPER DIAMOND CLEAR AC, which has a faster dry time.

Curing and Sealing: For the best cure of freshly placed concrete, apply SUPER DIAMOND CLEAR TB as soon as possible after finishing operations and/or immediately after the disappearance of the “sheen” of surface moisture.

Removal: Dried product may be removed with strong solvents such as xylene, MEK or toluene. EUCO CLEAN & STRIP is a citrus-based stripper that can also be used to remove this product. Alternately, SUPER DIAMOND CLEAR TB can be removed by sandblasting or by other similar mechanical action.

Clean-Up

Tools and equipment may be cleaned with EUCO SOLVENT, xylene or acetone. Run cleaning solvent through spray equipment to remove residual materials and prevent clogging of nozzle in future use.

Precautions/Limitations

• SUPER DIAMOND CLEAR TB is a Flammable Liquid. Use with adequate ventilation and keep away from heat, sources of spark or ignition, and open flames. Block all HVAC ventilation ducts which may distribute solvent odor. If solvent odor is objectionable, use of a water-based, low odor product may be preferred.

• Material will not freeze in storage but should be allowed to rise to 40°F (4°C) before application.

• Do not apply when concrete surfaces or ambient temperatures are below 40°F (4°C).

• Do not apply over bleed water or free standing water.

• Do not apply over concrete to receive toppings. KUREZ RC or KUREZ DR VOX are recommended for these applications.

• Although compatible with many carpet, tile and floor covering adhesives, a test section is recommended to ensure good bond between the adhesive and SUPER DIAMOND CLEAR TB.

• Various concrete finishing techniques may result in a surface with high or non-uniform porosity. Adjustment in coverage rate or additional coats of SUPER DIAMOND CLEAR TB may be necessary to compensate for excessive penetration of product.

• Do not use in areas subjected to hot grease or oils.

• Not resistant to gasoline or brake fluid.

• Do not thin this product.

• In all cases, consult the Material Safety Data Sheet before use.

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