



THE EUCLID CHEMICAL COMPANY

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SUPER FLOOR COAT



HIGH SOLIDS CURING, SEALING, HARD-ENING AND DUSTPROOFING MEMBRANE

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SUPER FLOOR COAT is a high solids resin copolymer curing compound and sealer for concrete. It has been modified to make a harder film and provide better gloss retention than most curing and sealing compounds. It may be applied to both interior and exterior concrete.*

*Exterior use may affect appearance. See Precautions / Limitations

PRIMARY APPLICATIONS

- Industrial floor slabs
- Interior concrete surfaces
- Walls and columns
- Warehouses
- Dry shake floors
- Concrete toppings

FEATURES/BENEFITS

- Higher solids content for increased curing efficiency
- Provides a transparent curing film for new concrete
- Seals all concrete surfaces - old or new - providing glossy appearance and easier clean-up
- Hardens new concrete by promoting a proper cure for improved abrasion resistance
- Dustproofs concrete with a tough durable film
- Compatible with many line striping paints, mastics and resilient floor coverings
- After SUPER FLOOR COAT has dried and hardened, the product will assist in protecting fresh concrete from rain damage

SPECIFICATIONS/COMPLIANCES

- ASTM C-309, Types 1 & 1D, Class A & B
- ASTM C-1315, Type 1, Class C
- Meets Resilient Tile Institute Specifications
- AASHTO Specification M-148, Types 1 & 1D
- Acceptable for U.S.D.A. approval
- Federal Specification TTC-800A
- Approved by Ohio EPA for contact with public drinking water supplies.
- This product meets V.O.C. contents in accordance to EPA 40 CFR Part 59 Table 1 Subpart D for Concrete Curing and Sealing Compounds with a maximum V.O.C. content of 700 g/l

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

- Solids Content:** 30% min.
- Drying Time* at 73°F, 50% RH:**..... < 1 hour
- Recoat:** 2-24 hours
- Foot Traffic:** 2-4 hours
- Wheel Traffic:** 6-10 hours
- VOC Content:** 642 g/l
- Adhesion to Concrete:** excellent
- Adhesion of Asphalt Tile:** passes
- Alkali Resistance**
48 hour exposure: excellent
- Solvent Resistance:** minimal

*Low concrete or air temperature and/or high relative humidity will extend drying time.

Shelf life: 2 years in original, unopened container

COVERAGE*

Coverage Rates Purpose of Application	ft ² /gal (m ² /liter)	
	First Coat	Optional Second Coat
Curing & Sealing New Concrete	450-500 (11.0-12.3)	500-550 (12.3-13.5)
Sealing & Dustproofing Old Concrete	500-600 (12.3-14.7)	600-700 (14.7-17.2)

*Coverage rates assume hard troweled floors and will vary from the above rates depending on surface porosity.

AVOID EXCESSIVE BUILD-UP. THICKER APPLICATIONS MAY LEAD TO DISCOLORATION AND IMPROPER SEALER PERFORMANCE.

PACKAGING

SUPER FLOOR COAT is packaged in 55 gal (208 liter) drums, 5 gal (18.9 liter) pails, and 4/1 gal (3.8 liter) units per case.

Appearance

SUPER FLOOR COAT is a clear solvent based liquid with a slight amber color. After application and drying, this product gives a clear, glossy appearance to the concrete surface.

SUPER FLOOR COAT has moderate UV resistance and may discolor in sunlight.

DIRECTIONS FOR USE

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 FLOOR COAT.

Mixing-SUPER FLOOR COAT requires no preblending and should be used directly from the container.

Application-Apply at a uniform coverage rate by spray or roller application. Product must be sprayed using airless type industrial sprayer. A hand held "pump-up" sprayer will not give sufficient pressure for proper application. If roller applied, use a short napped, solvent resistant sleeve.

Curing-For the best cure of freshly placed concrete, apply SUPER FLOOR COAT as soon as possible after finishing operations and/or immediately after the disappearance of the "sheen" of surface moisture.

Sealing-When sealing old concrete, the surface must be clean and dry. Remove contaminants and stains such as waxes, grease and oil with strong soaps or caustics rather than acids. Apply SUPER FLOOR COAT with a high pressure industrial sprayer, lambswool applicator or short nap roller. Badly worn or porous areas may need a second application to attain a uniform seal and surface gloss. Apply the second coat within 2-24 hours of the previous coat.

CLEAN-UP

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

SEALER REMOVAL

Dried, cured sealer may be removed with strong solvents such as xylene, MEK or toluene. Also acceptable are commercial paint strippers (Always heed directions and warning labels).

Alternatively, the sealer can be removed by sandblasting or by other similar mechanical action.

PRECAUTIONS/LIMITATIONS

- SUPER FLOOR COAT may discolor and change the appearance of exterior concrete surfaces.
- Heavy build-up will increase the potential for discoloration.
- Material will not freeze in storage but should be allowed to rise to 50°F (10°C) or more before use.
- 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.
- Spray application of SUPER FLOOR COAT formula must be done with a high pressure or airless industrial sprayer.
- Use with adequate ventilation and keep away from open flames. If solvent odor is objectionable, use of a water-based, low odor product, such as AQUA-CURE VOX, may be preferred.
- Block all HVAC ventilation ducts which may distribute solvent odor.
- Do not apply over concrete to receive concrete toppings, epoxy or urethane based coatings or epoxy adhesives. KUREZDR VOX is recommended for these applications.
- Although compatible with many carpet, tile and floor covering adhesives, a test section is recommended for questionable adhesives. Complete membrane removal or the use of KUREZ DR VOX or EUCOSIL is recommended in areas to receive movable carpet squares.
- Do not use as a bond breaker for tilt-up construction.
- No heavy traffic until the product has cured.
- Do not use in areas subjected to hot grease or oils.
- Not resistant to gasoline or brake fluid.
- For strict compliance with AIM Rule Regulations prescribed by The 1990 Clean Air Act, thinning of this product is not allowed.



Form Super Floor Coat-3.01

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