



# THE EUCLID CHEMICAL COMPANY

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## SUPER AQUA-CURE VOX



**HIGH SOLIDS, LOW ODOR, V.O.C.  
COMPLIANT ACRYLIC CURE AND SEAL**

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**SUPER AQUA-CURE VOX** is a water based, low odor membrane forming liquid for curing, sealing, dustproofing, and hardening concrete. SUPER AQUA-CURE VOX is suitable for use over new and old concrete and performs well on both interior and exterior concrete.

### PRIMARY APPLICATIONS

- Parking Decks
- Exterior Concrete
- Industrial Floors
- Walls
- Basements & footings
- Interior concrete surfaces
- Pavements

### FEATURES/BENEFITS

- Forms an efficient moisture barrier for optimum curing of concrete
- High solids permit greater coverage
- Seals concrete surfaces to protect against the effects of weathering
- Hardens concrete surfaces by promoting proper cement hydration
- Helps eliminate dusting through good strength development
- Dries to a clear transparent film that resists discoloring under exterior exposure (see precautions/limitations)
- Gives an alternative to solvent based materials where fumes may be objectionable, undesirable or non-compliant

### SPECIFICATIONS/COMPLIANCES

- ASTM C-309 when tested in accordance with ASTM C-156.
- Meets ASTM C-1315, Type 1, Class B
- AASHTO M-148, Type 1
- This product meets all air quality standards for California, New Jersey and locales with similar clean air restrictions
- Acceptable for U.S.D.A. approval
- 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.

**Drying Time\* at 73°F, 50% RH:** ..... 1-2 hours

**Recoat\*\*:** ..... 2-4 hours

**Foot Traffic:** ..... 4-6 hours

**Wheel Traffic:** ..... -10 hours

#### **Adhesion to Concrete:**

ASTM D-4541: ..... excellent

**VOC Content:** ..... 206 g/l

**Weatherometer testing ASTM G-53 @500 hours**

ultraviolet resistance: ..... good

chalk resistance: ..... no chalking

check/peel resistance: ..... no deterioration

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

\*\*If a second coat will be applied, application must be within 4 hours of previous application to ensure proper intercoat adhesion.

NOTE: Prolonged exposure to moisture or water may result in a temporary opaque condition which clears upon drying. This is particularly true on textured surfaces or with excessively heavy applications.

**Shelf life:** 1 year in original, unopened container

#### **Appearance**

SUPER AQUA-CURE VOX is a white, opaque liquid. After application and drying, the film is clear with a slight glossy appearance.

Heavy applications and/or prolonged exposure to moisture will cause the cured film to have a milky appearance. Drying will allow the sealer to become clear again.

#### **PACKAGING**

SUPER AQUA-CURE VOX is packaged in 55 gal (208 liter) drums, 5 gal (18.9 liter) pails and 6/1 gal (3.8 liter) units per case.

## COVERAGE

Coverage Rates* Purpose of Application	ft <sup>2</sup> /gallon (m <sup>2</sup> /liter)	
	First Coat	Optional Second Coat
Textured Concrete	300-400 (7.4-9.8)	400-500 (9.8-12.2)
Smooth/Troweled Concrete	350-450 (8.6-11.0)	450-550 (11.0-13.5)

\* Coverage rates assume hard troweled floors. Coverage will vary from the above rates depending on surface porosity and texture. **AVOID EXCESSIVE BUILD-UP. THICKER APPLICATIONS MAY LEAD TO DISCOLORATION AND IMPROPER SEALER PERFORMANCE.**

## DIRECTIONS FOR USE

**Surface Preparation**-The concrete surface must be clean and free of standing water. Remove any foreign sealer or other material that may prevent the adhesion of SUPER AQUA-CURE VOX.

**Mixing**-SUPER AQUA-CURE VOX requires no preblending and should be used directly from the container.

**Application**-Apply at a uniform coverage by spray or roller application. Product may be sprayed with an airless industrial sprayer. If roller applied, use a short-napped sleeve.

**Curing**-Apply SUPER AQUA-CURE VOX to the concrete surface as soon as finishing operations are completed, and the surface will not be marred by the application.

**Sealing**-Surfaces to be sealed must be clean of all dust, dirt, and debris and all free standing water must be removed. Remove all oil and grease stains with strong detergents and degreasers. Apply SUPER AQUA-CURE VOX at recommended coverage rates. If a second coat is desired, apply within 2-4 hours of the previous coat.

SUPER AQUA-CURE VOX may be placed on top of a previous coat of the same product. The surface must be clean and dry for proper adhesion.

## 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.

## CLEAN-UP

Clean tools and equipment with warm, soapy water before the sealer dries.

## PRECAUTIONS/LIMITATIONS

- Product may blush and turn a white milky color. Do not use in areas that are continually moist and where appearance is important.
- Do not use over brick and brick pavers.
- Spray application of SUPER AQUA-CURE VOX formula must be done with a high pressure or airless industrial sprayer.
- Product is unusable if allowed to freeze. Store between 50-120°F (10-50°C).
- For best application results, product temperature should be between 50-100°F (10-38°C) with ambient and surface temperatures between 45-110°F (7-45°C).
- Do not apply over concrete that may receive concrete toppings, epoxy coatings or urethane coatings.
- 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.
- Do not subject concrete to rain or water until SUPER AQUA-CURE VOX dries hard @ 70°F (21°C).
- For strict compliance with AIM Rule Regulations prescribed by The 1990 Clean Air Act, thinning of this product is not allowed.



Form Super Aqua-Cure VOX-3.01

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