

**CS-309™-25**

## Non-yellowing acrylic curing and sealing compound

**DESCRIPTION**

SEALTIGHT CS-309-25 Acrylic Curing and Sealing Compound is a clear, transparent, ready-to-apply, non-yellowing liquid compound formulated from special acrylic copolymers and quick-evaporating solvents that effectively and economically cure and seal freshly placed concrete. CS-309-25 meets maximum VOC content limits of 700 g/L for Concrete Curing and Sealing Compounds as required by the U.S. EPA Architectural Coatings Rule.

Once properly applied, CS-309-25 provides an impermeable seal for efficient moisture retention. This produces a hard, dense, high-compressive strength concrete. CS-309-25 will minimize hair-checking as well as premature cracking, dusting, spalling and other common defects that result when concrete is not properly cured. This economical, easy-to-use compound dries quickly and protects the concrete during construction. It resists adhesion of mortar droppings and permits easier clean-up. CS-309-25 also resists discoloration or yellowing due to ultraviolet degradation.

**USES**

SEALTIGHT CS-309-25 is ideal for application on commercial and industrial concrete surfaces, sidewalks, patios, multi-level parking decks, driveways and parking areas... wherever you want to simultaneously cure and seal exterior concrete surfaces. For interior applications, specify and apply SEALTIGHT VOCOMP-20 or VOCOMP-25 Curing and Sealing Compounds. (Refer to Product Data Sheet Nos. 368 & 369). The use of CS-309-25 on any exterior concrete surface provides a durable, long-lasting finish that has improved resistance to chemicals, oil, grease, deicing salts and abrasion. CS-309-25 provides an attractive, low sheen finish that enhances the natural appearance of the concrete. If a higher sheen is desired, a second coat of CS-309-25 or a coat of SEALTIGHT TIAH may be applied.

**FEATURES AND BENEFITS**

- Provides an economical, non-yellowing, durable, tough, uniform, moisture-impermeable, long-lasting film on exterior concrete surfaces
- Cures and seals freshly placed concrete simultaneously in one application
- Produces an impermeable seal, yielding efficient moisture retention
- Minimizes hair-checking, cracking, dusting, spalling and other defects common to improperly-cured concrete
- Resists discoloration or yellowing due to ultraviolet degradation
- Provides improved resistance to chemicals, oil, grease, deicing salts and abrasion during construction
- Provides an attractive sheen that enhances the natural appearance of concrete
- Applies easily...dries quickly for less downtime
- Permits easy clean-up and housekeeping...reduces floor maintenance costs
- VOC compliant...meets the U.S. EPA Architectural Coatings Rule requirements

**PACKAGING**

1 Gallon (3.79 Liter) Cans (6 per case)  
5 Gallon (18.93 Liter) Pails  
55 Gallon (208.20 Liter) Drums

**SPECIFICATIONS**

ASTM C 309, Type 1, Class B  
ASTM C 1315, Type I, Class A  
AASHTO M 148, Type 1 Class B  
USDA Accepted

**COVERAGE RATE**

200-600 sq. ft./gal. (4.91-14.73 sq. m./L). Coverage may vary due to porosity and condition of concrete.

CONTINUED ON REVERSE SIDE

## COMPLETE SYSTEM TO CURE AND SEAL CONCRETE

For optimum protection of new exterior surfaces, use CS-309-25 to initially seal and cure the concrete. Then apply TIAH Non-Yellowing Acrylic Concrete Sealer. (Refer to Data Sheet No. 364).

### APPLICATION

**Surface Preparation...Old Concrete:** Concrete surfaces must be clean and dry with all stains, oil, grease, dust and dirt removed prior to application.

**New Concrete...**CS-309-25 should be applied when the surface water has completely disappeared and the concrete surface will not be marred by walking workman.

**Application Method...**Use a sprayer or short nap roller to apply a uniform, even film. Avoid puddling in low areas...if puddles occur, brush or roll them out. A standard garden-type sprayer, equipped with a neoprene hose and gaskets, as well as a 9505-E spray tip is recommended for best results. For added protection and a greater sheen on new or old concrete, we recommend (2) coats of CS-309-25 or TIAH be applied at right angles. The second coat may be applied after the first coat has thoroughly dried.

CS-309-25 should not be applied during high temperature conditions in direct sunlight. These conditions cause rapid evaporation, which does not allow the film to form properly. Under these conditions, the film may peel, bubble and/or turn white (blush).

CS-309-25 should not be applied to concrete exposed to excessive moisture. Entrapped moisture in a solvent based sealer may cause the film to peel and/or turn white (blush).

**Drying Time...**CS-309-25 dries quickly. Drying times may be extended, depending on application rate, temperature, humidity and project conditions. Restrict foot traffic for at least four hours...12 hours is preferable.



### LIMITED WARRANTY

“W.R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order.”  
Read complete warranty. Copy furnished upon request.

### Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W.R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W.R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.

**Cleanup...**Application equipment should be cleaned promptly after use with Xylene or Toluene.

### PRECAUTIONS

**DO NOT DILUTE. CS-309-25 IS FOR EXTERIOR APPLICATION ONLY.** Do not apply CS-309-25 if the temperature of the concrete is below 40° F (4° C). CS-309-25 may be used on colored concrete, but mottling may occur. Do not use on non-porous surfaces or surfaces which are not uniform in porosity, i.e. brick, stone, masonry, etc. Concrete containing calcium chloride will remain dark longer when treated with CS-309-25. Concrete floors properly cured with CS-309-25 meet section 8.9 “Adhesion of Tile Cements” of ASTM C 1315. For other specifications, secure the approval of the paint or resilient flooring manufacturer before applying CS-309-25. The specifier and user shall determine the suitability of product for specific applications and assume all responsibility in connection therewith.

### HEALTH HAZARDS

Prolonged inhalation of vapors in excess of permissible exposure limits may result in symptoms of transient central nervous system depression. Direct contact with the product may result in irritation of the skin and eyes. Product vapors may also cause irritation. **CS-309-25 is combustible.** Remove ignition sources prior to use. Empty containers may hold combustible vapors. Handle empty containers as combustible liquids. In the event of a spill, contain the product; apply absorbents and place in sealed containers. In the event of a fire, contain all run-off water. Refer to Material Safety Data Sheet for complete health and safety information.

**FOR THE MOST CURRENT PRODUCT INFORMATION, VISIT OUR WEBSITE:  
[www.wrmeadows.com](http://www.wrmeadows.com)**