

# SC CURE 500®

Concrete Curing Compound



## DESCRIPTION

**SC CURE 500®** is a leading edge technology, concrete curing compound that was developed to cure hard-troweled concrete to be treated with a lithium silicate hardener/densifiers like **LITHSEAL SC**. **SC CURE 500®** penetrates and forms a temporary membrane to cure, densify, harden and dustproof concrete essential for proper strength development. Should **SC CURE 500®** be over applied or left to dry on the surface of hard-trowel concrete surfaces, the surface membrane becomes brittle and is easily removed with a stiff broom or light abrasion. Once the surface has been cleaned, lithium hardeners can be applied within 7 days. **May contribute to LEED credits.**

**SC CURE 500®** meets the moisture retention of **ASTM C309 Type ID, Class B** on hard-troweled concrete surfaces.

- Cost-effective alternative to water cure or resin-based curing compounds
- Compatible with integrally colored concrete
- Non-yellowing, will not stain nor alter natural color concrete
- Excess cure membrane is easily removed
- Non-flammable/USDA accepted/odorless
- Will not inhibit adhesion of secondary coatings, topping, or adhesives designed for concrete
- Sealer/Densifiers can be applied in 5-7 days
- Contains VOC's = 0 grams/liter
- Certified for use to cure potable water structures

## APPLICATION

### COVERAGE

Curing, Sealing, Hardening and Dustproofing:  
 Hard Troweled Finish: 500-600 sq ft / gal  
 Broom or Float Finish: 300-400 sq ft / gal  
 Vertical Surface: 400-500 sq ft / gal

**Extend application rate to 1000-1200 sq-ft per gal on extremely hard trowelled, burnished concrete floors (ie Wal Mart, Kohl's etc)**

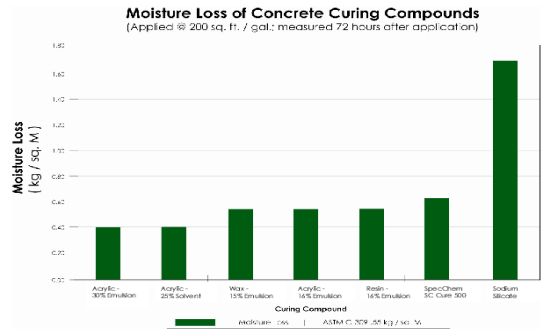
The above rates are approximate. Exact coverage depends upon the porosity of the concrete as well as the job requirements.

**Place concrete, finish, cut control joints and thoroughly remove all saw cutting residue before cure application.**

**Spray apply in a fine mist and immediately spread with a microfiber applicator pad.** Over-application and puddling may leave a clear-milky membrane which is removed with a stiff broom, screen or flushing the surface with water and scrubbing. Spraying and spreading with applicator pad provides superior results. Application temperatures 40°F to 90°F.

## MOISTURE RETENTION CHART

Moisture Retention Comparison Chart for Concrete Curing Compounds for Hard Trowel Finish



## PACKAGING

**SC CURE 500®** is available in 55 gallon drums and 5 gallon pails.

## SHELF LIFE

Shelf life of **SC CURE 500®** in the original tightly closed containers is two years from the date of manufacture. Do not allow accumulation of water, dirt or other contaminants.

## LIMITATIONS

Protect from freezing. Allow new concrete to cure 28 days prior to application of any paint or coating. Coating/Adhesive manufacturers surface preparation instructions must be followed to achieve proper adhesion. Avoid contact with glass, aluminum, or other glazed or finished surfaces. Where contact has occurred, immediately wipe with a damp cloth or flush with water.

## PRECAUTIONS

**INDUSTRIAL USE ONLY**  
**AVOID PROLONGED CONTACT WITH SKIN**  
**PROTECT FROM FREEZING**

Additional precautions, safety information and first aid are contained in the Material Safety Data Sheet.



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## WARRANTY

### NOTICE-READ CAREFULLY

#### CONDITIONS OF SALE

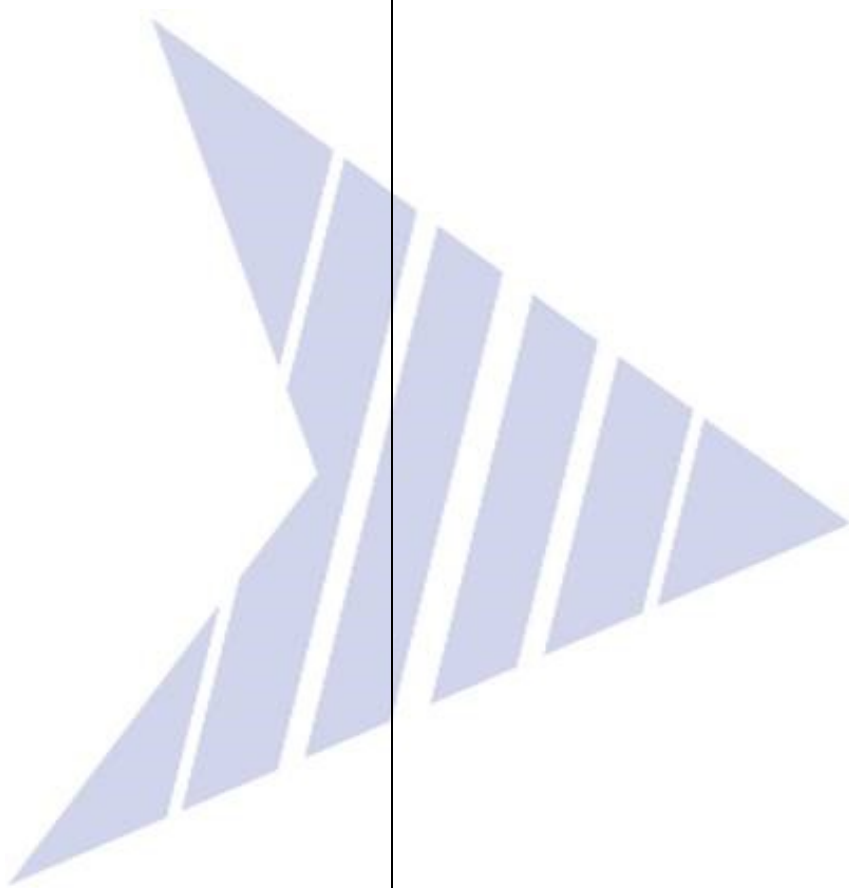
SpecChem offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SpecChem. No other representative of or for SpecChem is authorized to grant any warranty or to waive limitation of liability set forth below.

#### WARRANTY LIMITATION

SpecChem warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, SpecChem will replace the defective product with new product without charge to the purchaser. SpecChem makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

#### INHERIT RISK

Purchaser assumes all risk associated with the use or application of the product.



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