



# ChemMasters

SPECIALTY CONSTRUCTION PRODUCTS

## SAFE-CURE 2000

WHITE PIGMENTED, WATER BASED,  
RESIN CONCRETE CURING COMPOUND



### P R O D U C T D A T A

#### DESCRIPTION

Safe-Cure 2000 is a water based, white pigmented, resin concrete curing compound. It complies with all current federal, state & FAA regulations as an effective curing compound for pavements and runways.

#### USES

- Curing compound for pavement and curbing
- Curing compound for Federal Aviation Administration projects
- Highways, bridge decks, parking lots and structures
- Median barriers, curbing, walkways
- Mass concrete, dams, mat foundations

#### ADVANTAGES

- Sets the industry standard for pigment and solids suspension, reduces length and frequency of agitation
- Excellent moisture retention
- White pigments reflect heat in hot weather and act as a gauge of proper application rate
- Superior spraying characteristics for economical application and reduced labor cost

#### TECHNICAL DATA

- ASTM C-309, Types I or II, Class A and B, *Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete*
- AASHTO M-148, Type 1 & 1D, Class A & B
- Complies with National Volatile Organic Compound Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59
- Army Corps of Engineers CRD-C-300 Available Upon Request
- DOT Preapproved Material Available Upon Request for Most States

Solids:	27 %
V.O.C. Content:	322 gm/L
Flash Point:	NONE
Weight:	8.8 lbs./gal. 1.0 Kg/L

#### ESTIMATING GUIDE

Coverage is dependent on surface texture and porosity.

Curing	200 Ft. <sup>2</sup> /U.S. Gallon	5 M <sup>2</sup> /Liter
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#### PACKAGING

Safe-Cure 2000 is packaged in 5 U.S. gallon (18.9 liter) pails, shipped 36 per pallet, shrink wrapped; 55 U.S. gallon (208 liter) drums, shipped 4 per pallet. 275 U.S. gallon (1040 liter) totes are available for larger projects.

Bulk delivery and returnable, jobsite storage tanks are available on a per project basis. Call for availability and pricing.

#### APPLICATION

**MIXING:** Do not dilute. Stir or agitate Safe-Cure 2000 before using to disperse pigments and solids uniformly. If using a pump to recirculate Safe-Cure 2000, it is recommended that an air diaphragm pump be used. If using a centrifugal pump, mix only long enough to make the Safe-Cure 2000 homogeneous. Do not over mix.

**APPLICATION:** Use a low pressure, airless sprayer equipped with a fan tip or a short napped roller to apply. Hold sprayer tip 6-8" (15-20 cm) from the surface of concrete. Apply uniformly leaving no pinholes or gaps but avoid over applying or puddles.

**CURING:** Apply Safe-Cure 2000 after all bleed water has dissipated and application will not mar surface.

**DRYING TIME:** Safe-Cure 2000 dries in 1-1.5 hours at 70°F (21°C). at 50% relative humidity. Cooler temperatures or high relative humidity may slow drying process.



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An American Owned & Operated Company  
300 EDWARDS STREET • MADISON, OHIO 44057-3112  
(216) 428-2105 • FAX (216) 428-7091 • ORDER LINE: (800) 486-7866

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## **CLEAN-UP**

Clean tools and equipment used in applying Safe-Cure 2000 with warm water and detergent.

## **LIMITATIONS**

- Safe-Cure 2000 is not recommended for interior use nor where appearance is important.
- Do not apply if surface or ambient temperature is below 40°F (4°C). Product should be conditioned to 50°F (10°C) prior to application.
- Do not use Safe-Cure 2000 as a tilt-up bond breaker.

## **STORAGE**

Store in tightly closed containers and out of direct sunlight. Storing in direct sunlight or at high temperatures may cause the growth of bacteria, which may destroy the product. This is of particular concern in bulk or in totes of 275 gallons. Bacteria growth in the cure will cause the product to turn from white to gray and will cause the product to have an objectional odor. The product should not be used if this occurs.

Safe-Cure 2000 is a water-based product and should not be allowed to freeze. Freezing will break down the emulsion and make the product unusable.

Shelf life of properly stored material is nine months from the date of manufacture.

## **CAUTIONS**

May cause skin and eye irritation. Do not take internally. Keep out of reach of children.

All label precautions and the MSDS must be fully understood before using this product.

### ***This Product is Formulated and Labeled for Industrial and Commercial Use Only***

*FOR BEST RESULTS AND SAFEST USAGE, USER IS SPECIFICALLY DIRECTED TO CONSULT THE CURRENT MATERIAL SAFETY DATA SHEET AND PACKAGE LABEL FOR THIS PRODUCT*

*We warrant our products to meet our published specifications and to be free from defects in materials and workmanship to the acceptable quality levels defined in these specifications. If acceptable quality levels are not specified, the acceptable quality levels will be those normally supplied by us for the product. We make no guarantee of the results to be obtained from the use of our products. The determination as to the adaptability of any of our products to the specific needs of the Buyer is solely Buyer's prerogative and responsibility. We are glad to offer suggestions on the use of our products. Nevertheless, there are no warranties given except such expresses warranties offered in connection with the sale of a particular product. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. IN NO CASE SHALL WE BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, CO-CONDITIONS AND REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED, WHETHER ARISING UNDER ANY STATUTE, COMMON LAW, USAGE OR TRADE, COURSE OF DEALING OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.*