



# ChemMasters

SPECIALTY CONSTRUCTION PRODUCTS

## SAFE-CURE AS

CLEAR OR WHITE PIGMENTED  
CONCRETE CURING  
AND ANTI-SPALLING COMPOUND

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

#### DESCRIPTION

**SAFE-CURE AS** is a water based, V.O.C. compliant, curing compound for concrete pavement. It is a unique blend of boiled linseed oil and proprietary components for complete compatibility with subsequent linseed oil concrete surface treatments. **SAFE-CURE AS** is available in either white pigmented or clear formulations.

#### USES

- Highway pavements, ramps
- Bridge decks, parking structures
- Late fall and early winter projects subjected to freeze/thaw conditions during first months of service
- Concrete surfaces scheduled to receive linseed oil treatments

#### ADVANTAGES

- Excellent curing characteristics
- Compatible with **ANTI-SPALL 55** and other linseed oil treatments
- Low viscosity for ease in application with standard equipment
- White pigmented formula reflects heat during hot weather for optimum uniformity of cure and assists in gauging proper application rate
- Complies with state and federal V.O.C. regulations
- Economical bulk tanks available for large projects

#### TECHNICAL DATA

- ASTM C 309, Type II, Class B
- Complies with National Volatile Organic Compound Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59
- AASHTO M 148, Type II, Class B
- Approved for use by numerous state departments of transportation

Drying Time: 4 hours at 70°F (21°C) with 50% R.H.

Solids	Clear	44%
	White	56%

V.O.C. Content	Clear	0 gm/L
	White	5 gm/L

Non-Volatile by volume 50%

Flash Point: >200°F 105°C

Weight: 8.84 lbs./Gal. 1 Kg/L

#### COVERAGE

Coverage varies with surface texture and porosity. Typical application rate to meet ASTM C-309

Curing 200 Ft.<sup>2</sup>/ Gal. 5 M<sup>2</sup>/L.

#### PACKAGING

**SAFE-CURE AS** is available in 5 gallon (18.9 liter) plastic pails, 55 gallon (208 liter) drums and 275 gallon (1040 liter) totes.

#### APPLICATION

**MIXING:** Because **SAFE-CURE AS** is a very high solids product, it may tend to settle if left in one place for a long period of time. Always, agitate or stir **SAFE-CURE AS** lightly before using.

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

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

**SAFE-CURE AS** normally dries in 4 hours at 70°F (21°C) with 50% R.H. Surfaces may be opened to foot traffic in 8 hours and vehicular traffic in 12 hours. Extremely low temperatures or high relative humidity may slow drying process.



## ChemMasters

An American Owned & Operated Company

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## **CLEANUP**

Clean tools and equipment with soap and water. If product dries hard, use mineral spirits to soften and remove.

## **STORAGE**

Store tightly closed containers in warm area. Protect from freezing. Shelf life is one year from date of manufacture.

## **LIMITATIONS**

- **SAFE-CURE AS** is for exterior pavement use only.
- Do not apply if surface or ambient temperature is below 50°F (10°C). Product should be conditioned to 50°F (10°C) prior to application.
- Safe-Cure AS is not to be used as a bond breaker on tilt-wall construction.

## **CAUTIONS**

Causes eye irritation on direct contact. Over exposure may cause skin and respiratory tract irritation. Do not take internally. Keep out of reach of children.

**Make certain that the most current versions of the product data sheet and MSDS are being used. Go to [www.chemmasters.net](http://www.chemmasters.net) or contact ChemMasters customer service at 1.800.486.7866 to verify the most current version.**

Proper application is the responsibility of the user. ChemMasters can only make technical recommendations and cannot provide quality control on the jobsite.

### ***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.*