



# ChemMasters®

## Safe-Cure 1000 Clear

Clear, Water-Based  
Concrete Curing Compound

SPECIALTY CONSTRUCTION PRODUCTS

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

#### DESCRIPTION

**Safe-Cure 1000 Clear** is a clear, water-based, wax emulsion concrete curing compound. When applied to fresh concrete **Safe-Cure 1000 Clear** creates a film over concrete to:

- Retain water
- Enable cement to fully hydrate
- Allow concrete to achieve higher ultimate strength
- Reduce surface shrinkage cracks.

#### USES

- **Safe-Cure 1000 Clear** is used to cure any exterior concrete including pavement, curbing, sidewalks, driveways, parking lots, median barriers and mat foundations.

#### ADVANTAGES

- Stable solution to allow for reduced length and frequency of agitation
- Excellent moisture retention-consistently meets ASTM C 309
- Superior spraying characteristics for economical application and reduced labor cost

- ASTM C 309, Types I Class A, *Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete*
- AASHTO M-148, Type I, Class A
- 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

#### Physical Properties

Solids	17 +/-2 %
VOC content	<100 g/L
Flash Point	>212°F (>100°C)
Water Loss	<0.55 kg/m <sup>2</sup> /72 hrs
Weight	8.42 lbs/gal (1 kg/L)

#### Packaging / Part Number

5 gal (18.9 liter)	36 per pallet	F1030.05
55 gal (208 liter)	4 / pallet	F1030.55
275 gal (1040L)	tote	F1030.275
5,500 (20,790L) max	Bulk tanker	F1030.00

#### TECHNICAL DATA

#### Estimating Guide

Curing	200 ft <sup>2</sup> /gal	5 m <sup>2</sup> /L
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#### DIRECTIONS

**Mixing:** Stir or agitate **Safe-Cure 1000 Clear** before using to disperse solids uniformly. Do not dilute. An air diaphragm pump is recommended to circulate **Safe-Cure 1000 Clear**. Do not over mix, Over mixing may cause foaming and damage the curing compound.

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



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**Curing:** Apply **Safe-Cure 1000 Clear** after all bleed water has dissipated and application will not mar surface.

**Drying Time:** **Safe-Cure 1000 Clear** dries in less than 4 hours at 70°F (21°C) at 50% relative humidity. Cooler temperatures or high relative humidity may slow drying process.

### **CLEAN-UP**

Clean tools and equipment used in applying **Safe-Cure 1000 Clear** with warm water and detergent.

### **LIMITATIONS**

- **Safe-Cure 1000 Clear** is not recommended for interior use or 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 1000 Clear** as a bond breaker for tilt-up construction.

### **STORAGE**

Store in tightly closed containers in warm area, between 50° to 100°F (10° to 38°C). Do not allow to freeze. Shelf life of properly stored material is one year from 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 Safety Data Sheet 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. ©2001 ChemMasters

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