



# ChemMasters®

SPECIALTY CONSTRUCTION PRODUCTS

# Safe-Cure® 600

White Pigmented, Wax Emulsion  
Curing Compound

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

### DESCRIPTION

**Safe-Cure 600** is a white pigmented, water-based, wax emulsion concrete curing compound. When applied to fresh concrete, **Safe-Cure 600** creates a film, to retain water in the concrete, enabling the cement to fully hydrate, achieve higher ultimate strength, and reduce surface shrinkage cracks. The white pigmentation keeps concrete cool to further ensure the best performance of concrete's mix design.

### USES

- **Safe-Cure 600** is used to cure exterior concrete including pavement, curbing, sidewalks, driveways, parking lots, median barriers, and foundations.

### ADVANTAGES

- Stable solution to allow for reduced 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.

Packaging / Product Number		
5 gal (18.9L)	36 per pallet	F1614.00
55 gal (208L)	4 per pallet	F1614.55
275 gal (1040L)		F1614.275
Bulk tanker up to 5,500 gal		F1614.00

### TECHNICAL DATA

- Complies with National Volatile Organic Compound (V.O.C.) Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59

Estimating Guide	
Curing	200 ft <sup>2</sup> /gal (5 m <sub>2</sub> /L)

Test Data	
V.O.C.	< 50 g/L
Flash Point °F (°C)	>212 (100)
Weight lbs/gal (kg/L)	8.42 (1.01)

### APPLICATION

**Mixing:** Do not dilute. Stir or agitate **Safe-Cure 600** before using to disperse pigments and solids uniformly. Use an air diaphragm pump to circulate **Safe-Cure 600**. Do not use a centrifugal pump. Mix only long enough to make the **Safe-Cure 600** homogeneous. Do not over mix as this may cause foaming and may damage the curing compound.

**Application:** Use a low pressure, air less sprayer equipped with a fan tip or a short napped roller 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 or puddles.

**Curing:** Apply **Safe-Cure 600** after all bleed water has dissipated and application will not mar surface.



## ChemMasters®

An American Owned & Operated Company  
300 EDWARDS STREET • MADISON, OHIO 44057-3112 (440) 428-2105 • FAX (440) 428-7091 • ORDER LINE: (800) 486-7866 www.chemmasters.net

April 2013

**Drying Time: Safe-Cure 600** 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 600** with warm water and detergent.

### **LIMITATIONS**

- **Safe-Cure 600** 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 600** as a bond breaker for tilt-up construction.

### **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 objectionable odor. The product should not be used if this occurs.

**Safe-Cure 600** 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 one year from the date of manufacture.

### **CAUTIONS**

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

All label precautions and the SDS 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

Printed in U.S.A.