



ChemMasters

SAFE-CURE CLEAR

CLEAR, WATER BASED RESIN
CONCRETE CURING COMPOUND

SPECIALTY CONSTRUCTION PRODUCTS

P R O D U C T D A T A

DESCRIPTION

Safe-Cure Clear is a clear, water based resin curing compound for concrete. Safe-Cure Clear efficiently cures concrete and then decomposes rapidly when exposed to ultraviolet light, sunlight, and abrasion. It is a V.O.C. compliant alternative to solvent based dissipating resin cures.

USES

- Curing interior or exterior, horizontal or vertical concrete surfaces
- Floors scheduled to receive subsequent treatments of dustproofers, liquid hardeners and densifiers or penetrating water repellents
- Slabs designated for polymer coatings, such as epoxies or urethanes, paints, sealers, thin set mortars or floor covering adhesives
- Walls where a waterproof or decorative coating will be applied

ADVANTAGES

- Excellent moisture retention for proper curing
- Protects slabs from construction dirt and stains
- Economical and easy to apply with standard equipment
- Milky white during application for gauging proper coverage rate
- When cured, amber color aids in assuring complete removal of membrane

PACKAGING

Safe-Cure Clear is available in 5 gallon (18.9 liter) pails, shipped 36 per pallet or 55 gallon (208 liter) drums.

ESTIMATING GUIDE

Coverage depends on the surface texture and porosity of the concrete

Curing	200 Ft ² /Ga	5 M ² /L
--------	-------------------------	---------------------

TECHNICAL DATA

- ASTM C 309, *Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete*, Type 1 or 1D, Class A and B
- Fugitive Dye formulation available upon request
- AASHTO M 148 Type 1 or 1D, Class A and B
- Complies with National Volatile Organic Compound Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59
- U.S. Army Corps of Engineers Specification CRD C-300 available upon request
- Drying Time depends upon temperature, humidity and rate of coverage, but Safe-Cure Clear generally dries to touch in one hour at 70°F (21°C) with 50% relative humidity.

Weight	8.2 lbs/ga	1 Kg/L
Moisture Retention	.22-.27 Kg/M ²	
V.O.C. content	339 gm/L	
Specific Gravity(H ₂ O = 1)	0.90-1.0	

DIRECTIONS

MIXING: Do not dilute. Safe-Cure Clear is packaged ready to use and only requires stirring or agitation prior to use.

APPLICATION: Use a low pressure, solvent resistant airless sprayer equipped with a fan nozzle or a short nap roller. Hold sprayer tip 6-8 inches (15-20 cm) from the surface of the concrete. Apply uniformly leaving no pinholes or gaps after all bleed water has dissipated and application will not mar surface.

REMOVAL: Concrete should be allowed to cure for a minimum of twenty-eight days old. Complete removal of the curing membrane is required prior to application of penetrating or surface treatments, thin set mortars or floor covering adhesives. Areas exposed to abrasive traffic and sunlight may be cleaned with a low pressure washer, less than 2,000 psi and a mechanical scrubber fitted with stiff bristle brushes. Particular attention should be given to areas around columns and near walls where shadows or a lack of foot traffic have not assisted in breaking down the curing membrane.



ChemMasters

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

Revised: May 2002

For optimum results on walls or floors not subjected to traffic and sunlight, use high pressure water blast, a light sand blasting or shot blasting to remove Safe-Cure Clear. This insures that the pores and capillaries are clean and free of any material which would inhibit bond or penetration of subsequent coatings or treatments.

CLEAN-UP

Clean tools and equipment immediately after use with soap and water before Safe-Cure Clear dries. Dried Safe-Cure Clear will require abrasion or solvents such as Polyseal Solvent or xylene for removal.

STORAGE

Do not allow to freeze. Store tightly closed containers in warm area. Shelf life of properly stored material is one year from date of manufacture.

LIMITATIONS

- Do not apply at surface or ambient temperatures below 45°F (6°C).
- Safe-Cure Clear is not for use on surfaces to receive concrete overlays, thin set mortars, toppings, sealers, paints or adhesives unless removal of the curing membrane is planned prior to subsequent procedures.
- Safe-Cure Clear should not be used as a bond breaker for tilt up construction.

CAUTION

COMBUSTIBLE LIQUID: Keep away from heat or open flame. Use with adequate ventilation. May cause skin, eye and respiratory tract irritation. Do not take internally. Keep out of reach of children.

All label precautions and 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.