



# JS Cure & Seal

## Solvent-Based Acrylic Curing and Sealing Compound

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### DESCRIPTION

**JS Cure & Seal** is a non-yellowing copolymer, membrane forming curing and sealing compound for concrete. It is a solvent-based product with less than 350 g/L VOC's. **JS Cure & Seal** produces a medium gloss, clear, continuous film which effectively cures fresh concrete and protects concrete surfaces from intrusion of water, waterborne contaminants and dirt.

### USES

- Use to cure freshly placed concrete. Curing minimizes crazing and shrinkage cracks. **JS Cure & Seal** holds moisture in the fresh concrete more effectively than other curing compounds to help the cement fully hydrate. This process allows the concrete to achieve its full design strength and durability.
- **JS Cure & Seal** prevents concrete from dusting and simplifies the cleaning process by preventing dirt from penetrating the concrete.

### ADVANTAGES

- Allows concrete surfaces to develop full design strength by promoting complete hydration of cement
- Can be used in colder temperatures than VOC compliant water-based products
- Will not settle. Does not require agitation before use
- Less likely to clog spray equipment than water-based products
- Develops higher, deeper gloss than water-based products

- Increases the abrasion resistance of concrete
- Protects concrete from deicers, salts and other mild chemicals
- Reduces maintenance costs. Surfaces are easier to clean
- Compatible with most adhesives for resilient carpet and tile

### TECHNICAL DATA

#### APPLICABLE STANDARDS

- ASTM C309, Type 1, Class A & B, (upon request 1D & 2) *Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete*
- AASHTO M-148, Type 1 & 1D, Class A & B (upon request 1D & 2)
- ASTM C 1315, Type I & II (II upon request) Class A, *Standard Specification for Liquid Membrane-Forming Compounds for Curing and Sealing Concrete*
- Complies with all National Volatile Organic Compound Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59

Physical Properties	
V.O.C. Content	350 g/l
Solids	25%
Flash Point	0°F (-18°C)

Drying Time @ 70°F ( 21°C) 50% R.H.	
Condition	
Dry to touch < 1hr	
Dry to foot traffic 2 to 4 hrs	
Dry to vehicular traffic 24 hrs	

Estimating Guide (Coverage rates vary due to surface condition)	
Curing	300 ft <sup>2</sup> /gal (7m <sup>2</sup> /L)
Sealing Optional 2nd coat	350 to 400 ft <sup>2</sup> /gal ( 8 to 9 m <sup>2</sup> /L) 400 ft <sup>2</sup> /gal (10m <sup>2</sup> /L)

## PACKAGING

**JS Cure & Seal** is packaged in 55 gallon drums and 5 gallon pails, 36 - 5 gallon pails per pallet.

## APPLICATION

**Mixing:** Do not dilute. **JS Cure & Seal** is packaged ready to use.

**Application:** Apply **JS Cure & Seal** with a low pressure, solvent resistant airless sprayer equipped with a fan nozzle (minimum orifice of 0.030 to 0.032). The optimum spray pattern is an 8 to 12 inch fan. Hold sprayer tip 6 to 8 inches from the surface of the concrete. Apply uniformly leaving no pinholes or gaps. Do not allow the material to puddle. Thin coats are best. When using a hand pressurized sprayer it is important to maintain adequate air pressure for a consistent spray pattern.

**Curing:** When applying **JS Cure & Seal** to fresh concrete, apply after all bleed water has dissipated and application will not mar surface. An optional second coat should be applied at right angles to the first coat when the surface is tack free. This is typically 1 hour at 70°F (21°C) 50% R.H. A second coat will enhance the surface gloss and provide additional protection from deicing chemicals, oils and grease.

## CLEANUP

Tools and equipment used in applying **JS Cure & Seal** should be cleaned with **JS Solvent™** or xylene.

## STORAGE

Store tightly closed containers away from direct sunlight and sources of heat or flame. Shelf life is two years from date of manufacture

## LIMITATIONS

- Although **JS Cure & Seal** is compatible with most resilient floor covering adhesives, it is not for use on surfaces to receive concrete overlays or cement-based toppings.
- Do not use as a bond breaker for tilt wall construction.
- Do not apply **JS Cure & Seal** to floors subjected to spills of gasoline or other solvent spills. Solvent spills must be cleaned quickly to prevent softening of the membrane.
- When used on interior surfaces, provide adequate ventilation until **JS Cure & Seal** has dried completely.
- Do not use in the presence of foodstuffs or in areas designated for food storage. Use **JS Cure & Seal WB** as an alternate.
- Quality curing or sealing compounds may darken or highlight the subtle color variations naturally present in concrete.
- **JS Cure & Seal** is fast evaporating, subject to stringing or cobwebbing when roller applied in hot weather, and prone to bubble formation in the coating. Use **JS Crystal Clear Cure & Seal** for roller application with slow evaporation and bubble resistant formula
- **All label precautions and the SDS must be fully understood before using this product.** Ensure that you are using the most recent technical data sheet for instructions. Go to [www.jobsitesupply.com](http://www.jobsitesupply.com) for the most up to date information or contact Jobsite Supply's at 800-874-7415 to verify.
- Proper application is the responsibility of the user. **Jobsite Supply** can only make technical recommendations and cannot provide quality control on the jobsite.

## CAUTION

- Flammable Liquid.
- Keep away from heat or open flame.
- Use with adequate ventilation.
- May cause skin, eye and respiratory tract irritation.

**KEEP OUT OF REACH OF CHILDREN.**

### **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 sales 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 claims 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.

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