

# DAY-CHEM CURE & SEAL™ U.V. 30% (J-23 U.V.)

ACRYLIC CURE, SEAL & DUSTPROOFER ULTRAVIOLET STABLE

## PRODUCT DESCRIPTION:

Day-Chem Cure & Seal U.V. 30% is an acrylic copolymer cure, seal and dustproofing compound in an aromatic solvent containing 30% solids with special U.V. stabilizers. As a result J-23 U.V. will be ultraviolet stable and resist yellowing. The higher acrylic solids content will form an excellent surface coating with a high gloss finish and will provide outstanding cure performance.

## PURPOSE:

Day-Chem Cure & Seal U.V. 30% (J-23 U.V.) provides a combination curing, sealing and dustproofing for freshly finished interior or exterior concrete surfaces. It meets the ASTM C-309 specification as an outstanding curing compound and is an excellent dustproofer and surface sealer. J-23 U.V. will resist many chemicals, help protect against staining and allows for easy removal of mortar splatters. It is compatible with Dayton Superior Safe Seal Heavy Duty Sealer (J-24 H.D.).

## ADVANTAGES:

- U.V. Resistant
- High Solids content
- Cures (Meets ASTM C-309)
- Seals and Protects Concrete
- Dustproofs
- Forms a Clear Film
- Interior/Exterior Applications
- Five Year Warranty (Contact Dayton Superior for details)

## MEETS SPECIFICATIONS:

ASTM C-156 (Method of testing water retention for ASTM C-309)  
ASTM C-309, Type 1, Classes A & B  
AASHTO M-148, Type 1, Classes A & B  
Note: Federal Specification TT-C-800A has been cancelled and officially replaced by ASTM C-309. Day-Chem Cure & Seal 30% (J-23) meets the obsolete specification TT-C-800A.

## APPLICATION INSTRUCTIONS:

### Fresh Concrete:

Apply J-23 immediately after all surface water has disappeared and the surface cannot be marred. Application of J-23 U.V. too early or too late can affect the overall curing performance. Use low pressure spray, roller or brush. Do not thin. Apply uniformly without puddles. For removal of J-23 U.V., use Dayton Superior Citrus Peel (J-48).

### Old Concrete:

Clean and restore surface as required. Apply two uniform applications as above.

Note: On old concrete surfaces Dayton Superior recommends a more breathable sealer, such as Safe Seal Heavy Duty (J-24 H.D.) or Day-Chem Tuf Seal (J-35).

## APPROXIMATE COVERAGE:

|             | FT <sup>2</sup> per Gallon | M <sup>2</sup> per Liter |
|-------------|----------------------------|--------------------------|
| Curing      | 200 – 400                  | 4.9 – 9.8                |
| Sealing     | 200 – 400                  | 4.9 – 9.8                |
| Second Coat | 400 – 600                  | 9.8 – 14.7               |

Texture and absorption of surface will influence final coverage rates.

## DRYING TIME:

Approx. 2 hrs. at 70°F (21°C) for recoating or light traffic.  
Wait 12 hours for heavy traffic.

## PACKAGING:

5 gal. (18.9L) pails and 55 gal.(208L) drums.

## CLEAN-UP:

Tools & Equipment use: Xylol or lacquer thinner.  
For dried material remove with Citrus Peel (J-48).

## LIMITATIONS:

For applications of a cure and seal in an enclosed structure, Dayton Superior recommends a water based product like the Safe Cure & Seal (J-18) or (J-19). Sprayers and equipment must have suitable type neoprene hoses and gaskets. Do not apply concrete or mortar over sealed surfaces. Remove J-23 U.V. with Citrus Peel (J-48) before applying resinous (epoxy, polyester, urethanes, etc.) coatings. Do not store food containers directly on the floor, always place on pallets. Shelf life is one year.

## WARNING:

- Use with adequate ventilation
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, CALL A PHYSICIAN immediately.
- DO NOT induce vomiting

Refer to [www.daytonsuperior.com](http://www.daytonsuperior.com) for latest Technical Data Sheet and MSDS  
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Customer Service: (888) 977-9600  
Technical Assistance: (866) 329-8724

# DAY-CHEM CURE & SEAL™ U.V. 30% (J-23 U.V.)

Flammable Mixture. If splashed in the eyes, flush thoroughly with clean water for a minimum of 15 minutes. CALL A PHYSICIAN immediately. May cause irritation to the skin. If brought into contact with the skin, wash thoroughly with soap and water. Seek medical attention if redness or irritation occurs. Avoid breathing vapors and spray mist. After installation, thoroughly ventilate inside area to remove all solvent odors before placing into service. Keep away from heat, spark, open flame and other possible sources of ignition. Reseal container after each use. Wear protective clothing, gloves, and goggles. May contain mineral spirits. Safe disposal of rags is necessary to avoid possibility of spontaneous combustion. Read MSDS before using product.

## MANUFACTURER

Dayton Superior Corporation  
7777 Washington Village Dr., Ste. 130  
Dayton, OH 45459  
Customer Service: 877-977-9600  
Technical Services: 877-416-3439  
Website: [www.daytonsuperiorchemical.com](http://www.daytonsuperiorchemical.com)

## WARRANTY

Dayton Superior Corporation ("Dayton") warrants for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Dayton, the product is free of manufacturing defects and conforms to Dayton's product properties in force on the date of acceptance by Dayton of the order. Dayton shall only be liable under this warranty if the product has been applied, used, and stored in accordance with Dayton's instructions, especially surface preparation and installation, in force on the date of acceptance by Dayton of the order. The purchaser must examine the product when received and promptly notify Dayton in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If Dayton, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Dayton officer is authorized to modify this warranty. The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

## LIMITATION OF LIABILITY

Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

