

# GENERAL PURPOSE CURE & SEAL™ (J-20 U.V.)

SPRAYABLE IN A WIDE TEMPERATURE RANGE, FROM 35° TO 90°F AND U.V. STABLE

## PRODUCT DESCRIPTION

General Purpose Cure & Seal (J-20 U.V.) is an acrylic copolymer cure, seal and dustproofing compound in an aromatic solvent containing 25% solids. It is designed for ease of application and better atomization when spraying in a wide temperature range from 35°F to 90°F (2°C to 32°C). J-20 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 that provides an outstanding cure performance.

## PURPOSE

General Purpose Cure & Seal (J-20 U.V.) provides a combination of curing, sealing and dustproofing for freshly finished interior or exterior concrete surfaces. It meets ASTM C-309 specifications as an outstanding curing compound and is an excellent dustproofer and surface sealer. J-20 U.V. will resist many chemicals, help protect against staining and allows easy removal of mortar splatters.

## ADVANTAGES

- Sprays Well in Warm & Cool Temperatures
- U.V. Stable, Resists Yellowing
- Cures (Meets ASTM C-309)
- Seals and Protects Concrete
- Dustproofs

## 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

## APPLICATION INSTRUCTIONS

### Fresh Concrete:

Apply J-20 U. V. immediately after all surface water has disappeared and the surface cannot be marred. Application of J-20 U. V. too early or too late can affect the overall curing performance. Use low pressure spray, roller or brush. A Chapin Industrial Sprayer, Model 1949 or similar, with a 0.5 GPM (1.9 LPM) 80 degree fl at fan nozzle, at approximately 30 psi (2.1 bar) has shown to work well. Make sure that the sprayer, as well as any other equipment the material will come in contact with, is clean and dry. Do not contaminate J-20 U.V. with other materials, solvents or water. Do not thin. Apply uniformly without puddles. For removal of J-20 U. V., use Dayton Superior Citrus Peel (J-48).

## APPROXIMATE COVERAGE

	Ft <sup>2</sup> /Gallon	M <sup>2</sup> /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 hours at 70°F (21°C) for re-coating or light traffic. Wait 12 hours for heavy traffic.

## PACKAGING

Item#	Packaging	Size	
		Gal.	Liter
280846	Pails	5	18.9
202516	Drums	55	208

## CLEAN-UP

Tools & Equipment use: Xylol or lacquer thinner. For dried material remove with Dayton Superior 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 Cure & Seal 309 EF or Cure & Seal 1315 EF. Sprayers and equipment must have suitable type solvent-resistant hoses and gaskets. Do not apply concrete or mortar toppings over sealed surfaces.

Remove J-20 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 two years from date of manufacture in unopened containers.

## 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  
1125 Byers Rd., Miamisburg OH 45342  
Customer Service: (888) 977-9600  
Technical Assistance: (866) 329-8724

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## CONTINUED

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  
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Customer Service: 888-977-9600  
Technical Services: 866-329-8724  
Website: [www.daytonsuperior.com](http://www.daytonsuperior.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.

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.



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