



# H&C™ CLEARPROTECT™ SOLVENT-BASED CURE AND SEAL



## PRODUCT DESCRIPTION

### H&C™ CLEARPROTECT™ Solvent-Based Cure and Seal

is a 25% solids solvent-based curing compound and sealer, formulated to aid in the hydration of newly placed concrete surfaces. H&C CLEARPROTECT Solvent-Based Cure and Seal will also protect concrete surfaces from weathering and high traffic conditions.

## FEATURES & BENEFITS

- Cures fresh concrete to proper strength and reduces drying shrinkage cracking.
- Seals and protects to extend the life of concrete and masonry surfaces.
- A penetrating sealer that can be built to a high-gloss finish with multiple coats that dustproofs concrete.
- Resists damage from water, UV rays, pool chemicals, most cleaning agents and heavy traffic.
- Cures concrete to ASTM C309 Standards

## RECOMMENDED USES

H&C CLEARPROTECT Solvent-Based Cure And Seal is formulated for use on freshly placed concrete, surfaces to promote hydration during the curing process. Use as a protective sealer on concrete driveways, walkways, patios, stamped concrete and pool decks.

## COVERAGE RATES

Substrate	sq ft/gal
Porous concrete	150-250
New Concrete	200-300

## JOBSITE TEST SECTION

Due to the wide variety of substrates, preparation methods, application methods and environments, it is important to create a test sample.

## LIMITATIONS

Do not apply over sealed surfaces  
Do not thin this product.  
Not recommended for immersion (underwater service).

## SURFACE PREPARATION

**New Concrete:** When applying H&C CLEARPROTECT Solvent-Based Cure and Seal to freshly placed concrete, no surface prep is necessary. Allow all bleed or standing water to evaporate from the surface, apply CLEARPROTECT Cure and Seal according to application instructions.

**Bare Concrete:** All surfaces must be clean, dry and free of grease, oil, paint and sealers. To remove light soil from the surface, use H&C® CONCRETEREADY® Cleaner Degreaser mixed to a 50/50 ratio with water. To remove heavy oil and grease stains, use the cleaner full strength. If mold, mildew or fungus is present, kill and remove with a solution of 1 part household bleach to 3 parts water. Allow all surfaces to dry at least 24 hours before sealing.

**Existing Concrete:** Concrete surfaces should be able to absorb water. To test absorption, spray various sections of the surface to be stained with water. If the water does not absorb rapidly, then additional surface preparation is necessary. If existing concrete is bare, acid etch the surface using H&C CONCRETEREADY Etching Solution following label instructions. After proper etching, the surface should feel like 120-grit sandpaper. If not, then etch again. Mechanical abrasion methods may be necessary to achieve proper profile. Do not apply the sealer until all surfaces are porous. Allow all existing properly prepared surfaces to dry at least 24 hours before sealing. Prepared concrete must have a pH of 6 to 10.

**\*WARNING:** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. To avoid exposure to lead dust, wear proper protective equipment, such as a properly fitted respirator (NIOSH approved) and follow proper containment and cleanup procedures. For more information, call the National Lead Information Center at 1-800-424-LEAD (in U.S.) or contact your local health authority.

## TOOLS REQUIRED

- Stiff broom
- Garden hose with a pressure washer nozzle
- Bucket
- Eye Protection
- Respiratory Protection
- Gloves
- Synthetic Roller Cover 1/4-3/8" nap
- Pump Up Sprayer

## APPLICATION INSTRUCTIONS

Allow fresh concrete to thoroughly dry before applying H&C CLEARPROTECT Solvent-Based Cure and Seal. When applied to existing concrete, wait at least 24 hours after washing surface or after rain before applying H&C CLEARPROTECT Solvent-Based Cure and Seal. Air and concrete surface temperatures should be above 50°F and below 90°F for 24 hours following application.

**How to Apply:** Stir thoroughly before and during application. Do not shake or whip air into sealer, and do not reduce. Apply evenly with a brush, roller, or pump up sprayer. If the surface has corners or edges, coat those with a brush first to ensure complete coverage. Then using a roller, evenly apply the first coat to the rest of the surface, working in one direction. Excessive rolling can cause bubbles to form. If bubbles form in the dried film, back roll with xylene to lay the bubbles down. If applying by pump up sprayer, back roll sealer immediately to remove excess or ponding product, which will ensure an even finish. Do not overapply.

If protecting decorative treatments, two thin coats of sealer are recommended. The first coat should be tack free before a second application is done (approx. 4 hours).

**Additional Coats:** For the best coverage on bare surfaces, apply a second coat of H&C CLEARPROTECT Solvent-Based Cure and Seal, working in the opposite direction of the first coat. Allow a minimum of 4 hours dry time between coats.

## SLIP RESISTANCE

Some surfaces such as inclined driveways, garages, steps and patios may require a slip-resistant additive for safety. Add H&C® SharkGrip® Slip-Resistant Additive to the final coat, following label directions. This product should not be used in place of a nonskid finish.

## CLEANUP

Clean tools with H&C® D-100® Solvent or Xylene. Follow solvent manufacturer's safety instructions when using any solvent cleaner. Use "waterless" hand cleaner to remove dried material from skin.

## MAINTENANCE

Surfaces coated with H&C CLEARPROTECT Solvent-Based Cure and Seal are easily cleaned using a mixture of 3 parts water to 1 part H&C CONCRETEREADY Cleaner Degreaser.

## PHYSICAL PROPERTIES

Physical Properties and Characteristics		
Property	Test Method	Value
Dry Time (@ 77°F, 50% RH)	Dry-to-touch	30 mins.
	Light foot traffic	Overnight
	Heavy traffic	72 hours
	Recoat	4 hours
VOC	EPA Method 24	324 g/L; 2.71 lb/gal
Finish	ASTM D523	Gloss (85 units @ 60°)
Flash Point	ASTM D93, PMCC	64°F
Volume Solids	ASTM D2832	24% ± 2%
Weight Solids	ASTM D2832	25% ± 2%
Weight per Gallon	ASTM D1475	8.72 lbs.

## SPECIFICATIONS/COMPLIANCES

- ASTM C 309, Type 1, Class A & B
- AASHTO Specification M 148, Type 1, Class A & B
- USDA compliant

Complies with Federal AIM Rule VOC regulations and with VOC standards in the OTC and LADCO regions.

## ORDERING INFORMATION

Clear	Part Number/SMIS
1 gallon	50.155014-16/6509-09674
5 gallons	50.155015-20/6509-09682
55 gal Drum	50.155016-27/ 6509-09690

## **CAUTION**

### **CAUTIONS CONTAINS ALIPHATIC HYDROCARBONS & XYLENE.**

Contents are **FLAMMABLE**. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

**VAPOR HARMFUL.** Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

**FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water for 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician.

If swallowed do not induce vomiting. Call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED**

**EFFECTS FROM LONG TERM OVEREXPOSURE.** Contains solvents which can cause permanent brain and nervous system damage.

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

## **LIMITED WARRANTY**

Seller's and manufacturer's only obligations shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising from the applicator's inability to use the product for his/her intended use. The user assumes all risk and liability.

## **TECHNICAL SERVICES**

The information and recommendations set forth in this product data sheet are based on tests conducted by or on behalf of H&C Products Group and The Sherwin-Williams® Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your H&C or Sherwin-Williams representative to obtain the most recent product data sheet.

For technical assistance, call 1-800-867-8246 or visit [www.hcconcrete.com](http://www.hcconcrete.com).