

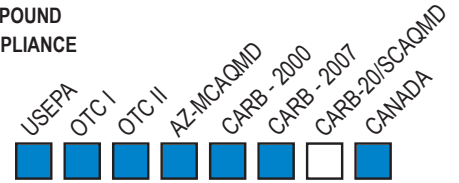
PRODUCT DATA

HYDROCURE-WHITE™

Non-wax containing, white pigmented,
dissipating hydrocarbon resin-type concrete
curing compound

VOLATILE ORGANIC COMPOUND
(VOC) REGULATORY COMPLIANCE

HYDROCURE-WHITE



HOW IT WORKS

Applied to freshly placed concrete, HYDROCURE-WHITE forms a moisture vapor-resistant membrane to maximize water retention for improved cement hydration and increased concrete strength. A highly reflective white pigment reflects the sun's rays to keep the concrete surface cooler and reduce heat buildup for maximum strength development.

APPLICATIONS

- ◆ Designed for use on commercial, horizontal, exterior concrete paving projects.
- ◆ Use on streets, driveways, and curbs.
- ◆ Use on airport paving projects, canal paving projects, and parking lots.
- ◆ Use on sidewalks, walkways, and other engineering projects requiring a white pigmented resin-type curing compound.

ADVANTAGES

- ◆ Promotes retention of original mix water during the early curing stages, allowing concrete to develop maximum strength, density, and surface hardness.
- ◆ Minimizes concrete surface crazing and cracking from excessive moisture loss, especially during hot and/or windy weather conditions.
- ◆ Increases concrete wear resistance.
- ◆ Improves concrete durability.
- ◆ Reduces concrete surface porosity.
- ◆ Provides temporary resistance to rain shower damage and penetration of dirt, oil, grease, tire marks, etc. that can stain concrete during construction, reducing final cleanup costs.
- ◆ Minimizes the adhesion of mortar and concrete splatter during construction, aiding cleanup.
- ◆ Easily sprayable with a power sprayer or a hand pump sprayer.
- ◆ Does not contain any waxes, paraffins, gums, or oils.
- ◆ High reflectivity reduces concrete surface temperature.
- ◆ Typically dries to a dust- and tack-free state in 30 minutes.
- ◆ Typically dissipates within 30 - 90 days. (See PRECAUTIONS)
- ◆ Complies with ASTM C 309, Type II, Class A & B and AASHTO M 148, Type II, Class A & B. Compliant with USDA requirements for incidental food contact.

- ◆ Green Engineered®—better for health and the environment.

⚠ PRECAUTIONS ⚠

- ◆ Do not use on architectural concrete or where cured concrete surface color appearance is critical.
- ◆ Do not use where treated surfaces are to be covered with concrete or plaster.
- ◆ Do not use with other floor sealers, treatments, bondbreakers, sealants, adhesives, resilient tile floor coverings, concrete paints, etc. that may contact surfaces treated with HYDROCURE-WHITE without prior site test to determine compatibility.
- ◆ Treated surfaces may be slippery prior to drying and after drying when wet with water or liquids.
- ◆ Numerous factors including sunlight exposure, product application rate, and alkalinity conditions can either positively or negatively affect the oxidation or rate of dissipation of HYDROCURE-WHITE.
- ◆ Complete removal of unoxidized or partially oxidized HYDROCURE-WHITE films may require pressure washers, sandblasting, or other mechanical means.
- ◆ Protect from freezing. If allowed to freeze, product packaging may rupture and emulsion stability may be affected, making it difficult to keep product mixed during application. Product that is suspected of freezing should not be used.
- ◆ Verify that product is within the "USE BY" date stated on product packaging. Do not use expired product. The use of expired product may result in poor product performance or failure.
- ◆ Not recommended for application when the air temperature is less than 40° F (4° C).

USE INSTRUCTIONS

- ◆ Request current product literature, labels, and safety data sheets from manufacturer and read thoroughly before product use.
- ◆ Site environmental conditions, substrate conditions, and concrete mix design have a major effect on product selection, application methods, procedures and rates, appearance, and performance. Product literature provides general information applicable to some conditions. However, an adequate production test application by the purchaser or installer in advance of field scale use is mandatory (irrespective of any other verbal or written representations) to verify that product and quantities purchased can be satisfactorily applied and will achieve desired appearance and performance under intended use conditions.

Curing Compound

nox-crete®

chemical solutions to concrete problems



- ◆ HYDROCURE-WHITE is shipped ready to use. Do not dilute.
- ◆ Typical application rate varies with substrate conditions and range from 100-300 sf / gal (2.5 sm / L to 7.5 sm / L).
- ◆ Apply with roller, hand pump sprayer or power sprayer. Power sprayers can be used to apply product to larger areas.
- ◆ Allow surface bleed water to evaporate prior to HYDROCURE-WHITE application.
- ◆ Apply HYDROCURE-WHITE when substrate and air temperatures are 40° F (4° C) and rising. Do not apply if substrate and/or air temperatures are expected to fall below 40° F (4° C) within 6 hours of application.
- ◆ Apply uniformly to point of saturation and appearance of continuous surface film IMMEDIATELY following final finishing and after disappearance of surface water sheen. Concrete should be damp, but not wet on the surface.
- ◆ Avoid runs, puddles, and over-application.
- ◆ To achieve maximum curing performance, a second application should be made at right angles to the initial application. Second application can be applied as soon as the first application becomes tack free.
- ◆ Application equipment should be cleaned with soap and water promptly following use.

TECHNICAL DATA

	HYDROCURE-WHITE
Color (Wet / Dry)	White
Clarity	Opaque
Odor	Pleasant
VOC	<250 g / L
VOC Classification	Concrete Curing Compound
Bulk Density	8.49 lbs. / gal. (1019 g / L)
Flash Point	>105° F (>41° C)
Freeze Point	32° F (0° C)
Dry (Dust Tack Free)	30 minutes - 1 hour
Dry (Light Traffic)	2-4 hours
Dry (Normal Traffic)	4-6 hours
Recoating Time	1 hour

Complies with ASTM C 309, Type II, Class A & B and AASHTO M 148, Type II, Class A & B. Compliant with USDA requirements for incidental food contact.

PACKAGING

Product is packaged in 5 gal (19 L) pails, 20 liter pails, 55 gal (208 L) drums, 200 liter drums, 275 gal (1,040 L) totes and 1,000 liter totes.

SHELF LIFE

Shelf life is 1 year. Use before the "USE BY" date stated on product packaging.

HANDLING/STORAGE

Store in a dry location within a temperature range between 40° F (4° C) and 100° F (38° C).

AVAILABILITY & TECHNICAL SERVICES

In addition to corporate offices in Omaha, Nebraska, Nox-Crete, Inc. maintains regional offices and distribution centers in principal markets throughout the world. For source or technical information, call 800-669-2738 or 402-341-2080.

LIMITED WARRANTY

NOTICE-READ CAREFULLY

CONDITIONS OF SALE

NOX-CRETE offers this product for sale subject to, and Buyer and all users are deemed to have accepted, the following conditions of sale and limited warranty which may only be varied by written agreement of a duly authorized corporate officer of NOX-CRETE. No other representative of or for NOX-CRETE is authorized to grant any warranty or to waive limitation of liability set forth below.

WARRANTY LIMITATION

NOX-CRETE warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, NOX-CRETE will replace the defective product with new product without charge to the purchaser.

NOX-CRETE makes NO OTHER WARRANTY, either express or implied, concerning this product. There is NO WARRANTY OF MERCHANTABILITY. In no case shall NOX-CRETE be liable for special, indirect or consequential damages resulting from the use or handling of the product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which damages are claimed.

INHERENT RISKS

NOX-CRETE MAKES NO WARRANTY WITH RESPECT TO THE PERFORMANCE OF THE PRODUCT AFTER IT IS APPLIED BY THE PURCHASER, AND PURCHASER ASSUMES ALL RISKS ASSOCIATED WITH THE USE OR APPLICATION OF THE PRODUCT.

nox-crete®

chemical solutions to concrete problems

www.nox-crete.com

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