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H&C®

CONCRETE & MASONRY WATERPROOFING SEALER

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SURFACE PREPARATION</u>																
<p>H&C Concrete & Masonry Waterproofing Sealer is a quality acrylic sealer that penetrates and protects bare, aged, dry, and porous surfaces. Because it penetrates, it resists water damage long after the water beading is gone.</p> <p>Features:</p> <ul style="list-style-type: none"> • a weather resistant moisture barrier • protects concrete, masonry and brick against water-caused deterioration and damage • for interior or exterior application • guards against efflorescence, spalling, repeated freeze-thaw cycles, deicing salts, and general weathering and degradation caused by water infiltration. <p>Recommended Residential Uses:</p> <ul style="list-style-type: none"> • interior/exterior • concrete • brick • masonry • cinder block • flagstone • canvas • stucco <p>Not recommended on surfaces subject to vehicle traffic.</p> <p>For use on BARE surfaces only.</p>	<p>Color: Clear when dry Milky when wet</p> <p>Coverage sq ft/gal</p> <table> <tr> <td>Concrete floors</td> <td>200 - 250</td> </tr> <tr> <td>Porous concrete</td> <td>150 - 200</td> </tr> <tr> <td>Concrete block</td> <td>125 - 150</td> </tr> <tr> <td>Brick</td> <td>100 - 150</td> </tr> <tr> <td>Stucco</td> <td>100 - 150</td> </tr> </table> <p>Coverage will vary depending on the porosity and texture of the substrate One coat is usually sufficient.</p> <p>Drying Time, @ 77°F, 50% RH: temperature and humidity dependent</p> <table> <tr> <td>Touch:</td> <td>15 minutes</td> </tr> <tr> <td>To recoat</td> <td>within 2 - 4 hours</td> </tr> <tr> <td>Light Foot Traffic:</td> <td>24 hours</td> </tr> </table> <p>Flash Point: none</p> <p>Finish: Flat</p> <p>Vehicle Type: Acrylic</p> <p>50.043054 Clear</p> <p>VOC (less exempt solvents): 114 g/L; 0.95 lb/gal</p> <p>Volume Solids: 9 ± 2%</p> <p>Weight Solids: 9 ± 2%</p> <p>Weight per Gallon: 8.4 lb ± 2%</p>	Concrete floors	200 - 250	Porous concrete	150 - 200	Concrete block	125 - 150	Brick	100 - 150	Stucco	100 - 150	Touch:	15 minutes	To recoat	within 2 - 4 hours	Light Foot Traffic:	24 hours	<p>Testing: Due to the wide variety of substrates, preparation methods, application methods and environments, the customer should test the product in an inconspicuous spot for adhesion and compatibility prior to full scale application.</p> <p>All surfaces must be clean, dry and free of grease, oil, paint, sealers, etc. To clean, use H&C Degreaser, following label directions, rinse thoroughly and allow the surface to dry. If mold mildew or fungus are present, kill and remove by cleaning with a solution of 1 part household bleach to 3 parts water.</p> <p>Bare Concrete: New concrete must be cured 45 days. All horizontal concrete must be etched with H&C Concrete Etching Solution first, following label directions. For very smooth surfaces (troweled surfaces with no porosity) use H&C Concrete Etching Solution at full strength. For smooth-troweled concrete with some porosity, 1 part H&C Concrete Etching Solution to two parts water should be used. Do not etch painted surfaces. Prepared concrete should have a pH between 6 and 10.</p> <p>Repair: For the best waterproofing protection on vertical concrete and masonry, patch and repair cracks and crevices where water can enter. Use ConSeal Sealants and Patches on exterior surfaces following label directions. On floor surfaces, use appropriate patching material. Patching compounds will generally be visible through clear coatings.</p>
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H&C®

CONCRETE & MASONRY

WATERPROOFING SEALER

APPLICATION

- Apply under dry conditions only. Do not apply if rain is expected within 24 hours following application.
- Air and surface temperature should be between 50° and 90°F for 24 hours following application.
- Do not over-apply
- Stir thoroughly before and during application.
- Apply at package consistency on dry to slightly damp surfaces.
- Do not reduce.

Brush—Use a nylon/polyester brush

Roller—Use a 3/8" - 1/2" nap cover

Spray—Airless

Pressure 1500 psi

Tip011" - .017"

Spray—Conventional

Air Pressure 30 - 50 psi

Fluid pressure 15 - 20 psi

Cap/Tip 704/FX or equivalent

HVLP

Cap/Needle Titan #3 or equivalent

Backrolling or backbrushing is recommended after spraying.

Apply with a synthetic brush, pad, roller mop, squeegee, or spray. Back brush after spray application. On horizontal surfaces, remove puddles by reworking or wiping up. Do not over apply. One coat is usually adequate. For extremely porous surfaces, apply a second coat within 2 to 4 hours of the first coat working in a second coat thoroughly. A sample brush out on the surface to be treated is recommended to make sure you achieve desired clarity. This will ensure proper penetration and application level. For best results, surface and air temperature should not fall below 50°F for the 24 hour period following application. Dries thoroughly in 24 hours in optimal drying conditions.

CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water or a waterless hand cleaner. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using any solvent.

CAUTIONS

NOTE: Do not use this product on non-porous surfaces. To determine porosity, splash some water against the surface to be protected. If the water rapidly sinks in and darkens the surface, the surface is porous and needs protection. If the surface does not darken, test again in a few months.

LABEL CAUTIONS

Use only with adequate ventilation. To avoid over-exposure, 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. Get medical attention if irritation persists. If swallowed, get medical attention immediately. WARNING: This product contains a chemical known to the State of California to cause cancer. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

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The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of 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 Sherwin-Williams representative to obtain the most recent Product Data Sheet.



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H&C®

CONCRETE SEALER
WET LOOK WATER BASED

PRODUCT DESCRIPTION

H&C® Wet Look Sealer is a premium quality 100% clear acrylic sealer that will enhance and protect previously coated, bare concrete and other masonry surfaces. This single component, solvent free, VOC compliant sealer can be applied for both interior and exterior applications. H&C® Wet Look Sealer will apply milky white to ensure complete coverage, but dries to a clear transparent finish.

Where to use:

- Topcoat for stained or painted surfaces
- Patios
- Lanais
- Driveways
- Walkways
- Pool Decks
- Brick and stucco surfaces

CHARACTERISTICS

Color: Applies Milky White Dries Clear

Coverage	sq ft/gal
Previously coated concrete	200-300
Porous Concrete	100-200
Concrete Block	100-150
Porous Decorative Block	75-100
Brick (clay)	100-150

Drying Time, @ 77°F, 50% RH:

temperature and humidity dependent	
To Touch:	1 hour
Recoat:	2 hours
Light traffic:	24 hours
Heavy traffic:	72 hours

*NOTE: High humidity and /or low temperatures will affect drying time.

Finish:	Gloss
Vehicle Type:	Acrylic
VOC (less exempt solvents):	98 g/L
Volume Solids:	27% +/-1%

Coefficient of Friction

Without H&C® SharkGrip:	.7
With H&C® SharkGrip:	.85

Taber Abrasion:

Good after 1 week cure time

Chemical Resistance: Good

SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Bare Concrete:

Freshly placed concrete must be a minimum of 28 days old. All concrete should be clean and free of laitance, oil, grease and mildew. If mold, mildew or fungus is present, kill and remove with a solution of one-cup household bleach to one gallon of water. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes into contact with your skin. **DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER SOLUTION.** Concrete MUST be etched, with H&C® Concrete Etcher or muriatic acid, following label directions. The surface should have the feel of 120-grit sandpaper, if not then a second etching is required. Allow 24 hours before staining. Cured concrete should have a pH level between 6 and 10.



H&C[®] CONCRETE SEALER WET LOOK WATER BASED

SURFACE PREPARATION

Previously Stained or Painted:

Make sure all previously painted or stained surfaces are in sound condition. Scrape and sand all loose material prior to the application of the H&C[®] Wet Look Sealer. To ensure adequate adhesion of sealer, scuff sand all remaining stain or paint. Reapplication of the old coating should be done to create an even uniform appearance. H&C[®] Cleaner Degreaser mixed to a 50/50 ratio with water will remove light soil from the surface. H&C[®] Cleaner Degreaser should be used full strength on heavy oil and grease stains. Refer to the H&C[®] Cleaner Degreaser label for specific instructions.

APPLICATION

Determine if conditions are proper for application:

For best results, surface and air temperature should be above 50°F and below 95°F. Temperature should not fall below 40°F for 24 hours following application. Do not apply H&C[®] Wet Look Sealer if rain is imminent or expected within 12 hours of application.

Slip Resistance

Some surfaces may require a slip-resistant additive for safety. Add **H&C[®] SharkGrip Slip Resistant Additive** to the final coat, following label directions. **H&C[®] SharkGrip Slip Resistant Additive** should not be used in place of a non-skid finish.

APPLICATION

This product can be applied with a brush and roller or airless spray equipment. Brushes and Rollers should be of synthetic material and nap thickness should not exceed 3/8". If airless spraying, tip orifice should not exceed .017". When spraying, back roll sealer to remove excess sealer, which will ensure an even finish. Freshly stained or painted surfaces will require cure time before any application of H&C[®] Wet Look Sealer. Refer to the individual product instructions for minimum recoat time. One coat of H&C[®] Wet Look Sealer is normally sufficient for previously painted or stained surfaces. Two coats sealer may be required for bare concrete to improve final appearance. If a second coat is desired allow a minimum of 2 hours dry time between coats. Do not over apply as "blushing" may result. Contact H&C[®] Technical Services if blushing persists (800-867-8246). Approximate coverage will be 200-300 square feet per gallon on previously painted or stained surfaces. The coverage will vary depending on the texture and density of the concrete. The H&C[®] Wet Look Sealer will apply milky white and dry clear in approximately 1 hour. Vertical surfaces, such as concrete, block or brick walls, should be coated in the same manner as described above.

CLEANUP INFORMATION

Clean sprayer and tools with soap and water immediately after use. Spray clear water through the line of the sprayer until the water runs clear.

MAINTENANCE

Clean light to medium soiled surfaces with a 50/50 solution of H&C[®] Cleaner Degreaser to water. Use H&C[®] Cleaner Degreaser at full strength for heavy soiled areas, such as oil and grease stains. If H&C[®] Cleaner Degreaser is not available, use a good quality neutral based cleaner degreaser following manufacturer's directions for use.

TECHNICAL SERVICES

1-800-TO STAIN(867-8246)
www.hc-concrete.com

ORDERING INFORMATION

Part Numbers

Gallon 50.048054-16

Five 50.048055-20

SMIS Numbers

Gallon 155-6497

Five 155-6505

WARNING

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

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of H&C concrete coatings 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

MATERIAL SAFETY DATA SHEET

50.04805-
09 00

DATE OF PREPARATION
Mar 15, 2012

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER

50.04805-

PRODUCT NAME

H&C® Concrete Sealer Wet Look Water Based, Clear

MANUFACTURER'S NAME

H&C CONCRETE STAINS
101 Prospect Avenue N.W.
Cleveland, OH 44115

Telephone Numbers and Websites

Product Information	(216) 867-8246 www.hc-concrete.com
Regulatory Information	(216) 566-2902 www.paintdocs.com
Medical Emergency	(216) 566-2917
Transportation Emergency*	(800) 424-9300

*for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

No ingredients in this product are hazardous as defined by the Department of Labor.

SECTION 3 — HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.
SKIN: Prolonged or repeated exposure may cause irritation.
INHALATION: Irritation of the upper respiratory system.

In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

HMIS Codes

Health	1
Flammability	0
Reactivity	0

SECTION 4 — FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area thoroughly with soap and water.
Remove contaminated clothing and launder before re-use.

INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

INGESTION: Do not induce vomiting. Get medical attention immediately.

SECTION 5 — FIRE FIGHTING MEASURES

FLASH POINT

Not Applicable

LEL

N.A.

UEL

N.A.

FLAMMABILITY CLASSIFICATION

Not Applicable

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used.

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area.

Remove with inert absorbent.

SECTION 7 — HANDLING AND STORAGE

STORAGE CATEGORY

Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally.

Keep out of the reach of children.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits.

Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	8.48 lb/gal	1016 g/l
SPECIFIC GRAVITY	1.02	
BOILING POINT	212 - 500 °F	100 - 260 °C
MELTING POINT	Not Available	
VOLATILE VOLUME	71%	
EVAPORATION RATE	Slower than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
pH	9.0	
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)		
	0.55 lb/gal	66 g/l
	0.17 lb/gal	20 g/l
	Less Water and Federally Exempt Solvents	
	Emitted VOC	

SECTION 10 — STABILITY AND REACTIVITY

STABILITY — Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

SECTION 11 — TOXICOLOGICAL INFORMATION**CHRONIC HEALTH HAZARDS**

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

No LC50 or LD50 data available.

SECTION 12 — ECOLOGICAL INFORMATION**ECOTOXICOLOGICAL INFORMATION**

No data available.

SECTION 13 — DISPOSAL CONSIDERATIONS**WASTE DISPOSAL METHOD**

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14 — TRANSPORT INFORMATION

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

US Ground (DOT)

Not Regulated for Transportation.

Canada (TDG)

Not Regulated for Transportation.

IMO

Not Regulated for Transportation.

IATA/ICAO

Not Regulated for Transportation.

SECTION 15 — REGULATORY INFORMATION**SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION**

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
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No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION 16 — OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.