



ENVIROCURE 309

CONCRETE CURE & SEAL COMPOUND

WATER BASED ACRYLIC – SATIN SHEEN

Specco Envirocure 309 is a water base, film forming, cure and seal compound that is used to cure freshly placed concrete and seal existing concrete surfaces. **Envirocure 309** may be used on plain or colored, exterior or interior concrete and masonry surfaces. **Envirocure 309** allows the concrete surface to develop full design strength by promoting complete hydration during the curing process. **Envirocure 309** increases resistance to freeze/thaw cycling, deicer salts, and other chemicals, while also improving abrasion resistance. This eliminates potential dusting and allows easier cleaning and maintenance. **Envirocure 309** can be used as a cost effective primer for subsequent applied paints to improve their coverage rate and bond.

BENEFITS:

- V.O.C compliant
- Complies with ASTM C-309 Type I, Class A or B
- Non-yellowing (UV resistant)
- Ideal for cost effective dust-proofing
- Will not darken concrete color
- Provides a negligible degree of gloss (flat to satin)
- Safe to use indoors – virtually no odor

LEED RATINGS: Envirocure 309 qualifies for the following LEED credits: **EQ credit 4.2:** Low emitting materials: Paints and Coatings (under sealer VOC requirement), as well as **MR Credit 5.1** Regional materials: 10% extracted, processed and manufactured regionally (within 500 miles of Kankakee, Illinois 60901).

COMPOSITION: Water base copolymer acrylic. Contains no solvents, waxes or silicones.

PHYSICAL DATA:	APPROXIMATE VALUES @ 70° F (21° C):
Color:	Milky white emulsion
Solids:	12.50 +/-0.25%
Weight/gallon:	8.43 lbs./gallon
pH:	8.50
V.O.C. levels:	65 g/L (0.54 lbs. /gal.)

TECHNICAL DATA: **Envirocure 309** is a penetrating, breather type sealer, containing a flexible and durable film that does not discolor or support mold growth. **Envirocure 309** is formulated to comply with: ASTM C309 Type 1 Class A or B specifications. Contains less than 100 g/L (0.83 lbs. /gal.) volatile organic compounds. Meets Architectural Coatings Section 183(e) Final Rule Limit for concrete curing compounds.

DIRECTIONS FOR USE:

FOR USE AS A CURING COMPOUND: Apply **Envirocure 309** over freshly poured concrete immediately following the final finishing and disappearance of surface moisture. Approximate coverage rate is 200-300 square feet per gallon. **Envirocure 309** may be applied by spray or lamb's wool roller. Spray application is recommended. Do not thin **Envirocure 309**. Apply **Envirocure 309** evenly to the concrete to the point of saturation. Avoid puddles and runs. Note: the translucent white appearance during application will dry to a clear durable membrane. Protect the freshly coated surfaces from dust, rain, condensation and traffic while drying. Equipment and tools may be cleaned with soap and water immediately following use.

FOR USE AS A SEALER: A test area is always recommended before application to questionable or extremely porous surfaces to ensure proper film bond and cure. Do not apply Envirocure 309 to Blue Stone or other overly absorbent landscape stones which are susceptible to film blushing. Do not apply Envirocure 309 to hard burnished or extremely smooth, non-porous steel troweled concrete flatwork as the sealer has to be able to penetrate and absorb into the surface to cure properly. An SCP 2 surface profile is recommended, with an SCP 1 at a minimum to ensure open porosity, so that when water is applied to as small test section it will absorb easily and darken the area. If there are any residual stains present, use **Specco Enviro Clean & Etch C-30** for cleaning the concrete surface prior to application and make sure to rinse the surface well and allow to dry thoroughly before sealing. Apply **Envirocure 309** over the thoroughly cleaned and well-rinsed and dried concrete. Coverage rate will vary with the absorption rate of the concrete. Approximate coverage rate is 150 to 200 square feet per gallon. A second coat may be applied when surface is dry to the touch, approximately 3 hours.



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CAUTIONS: Do not walk on newly sealed surface for a minimum of 24 hours at temperatures above 65° and 48 hours for temperatures below 65°. Restrict driving on substrate for a minimum of 72 hours. Do not apply **Envirocure 309** to frozen, frost filled or hot surfaces. Do not apply when the temperature is below 40° F. Do not apply when rain is expected within twelve hours of the application. For spray applications, a nylon or fine mesh type pre-filter is recommended and can be applied to the intake hose to keep any polymer surface “skinning” particles (common to waterborne acrylics exposed to open air) from entering the chamber and leading to a possible plugged sprayer tip.

PRODUCT OPTIONS: **Envirocure 309** is not recommended for use around pools, fountains, or other substrates that have high water contact or exposure. The use of **Specco Uresheen 30** (water-based urethane acrylic) or **Specco Stampsheen 350** (solvent based acrylic) is recommended for these areas, along with optional **Spec Grip** (slip resistant additive) for improved traction. For cure and seal applications requiring a higher degree of sheen (semi-gloss) with no surface darkening, the use of **Specco Envirocure 1315** is recommended. For cure and seal applications requiring a higher degree of sheen (semi-gloss) with surface darkening (color enhancement), the use of **Specco Cure & Seal 350** is recommended. For sealer (not curing) applications requiring a higher degree of sheen or gloss with no darkening, the use of **Specco Envirosheen** is recommended.

GHS HAZARD RATINGS: WARNING:



IRRITANT:

RESPIRATORY TRACT IRRITATION.

FIRST AID: REFER TO PRODUCT S.D.S. (SAFETY DATA SHEET) FOR COMPLETE HEALTH AND SAFETY INFORMATION BEFORE USING THIS PRODUCT. FOR MEDICAL EMERGENCIES ONLY –CALL INFOTRAC AT 800-535-5053.

WARNINGS & SAFETY INFORMATION: **Envirocure 309** is relatively safe to use. Keep containers closed. Avoid ingestion, skin and eye contact and inhalation of the spray mist. Keep away from food and drink. Wash hands thoroughly after use and before eating. Do not take internally. **FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.**

H.M.I.S. CODES (Hazardous Materials Identification System): HEALTH = 1, FLAMMABILITY = 0, REACTIVITY = 0, PERS. PROT = C Glasses, Gloves, Protective clothing

PACKAGING: 1, 5, & 55 gallon containers

FREIGHT CLASS: ITEM 33880, Sub 2, Freight Class 55

SHIPPING NAME: Concrete Cure and Seal Compound, Water Base - Not regulated

STORAGE: 40° to 90° F. Protect from freezing. If frozen, product should be discarded.

SHELF LIFE: 1 year properly stored

WARRANTY: *Specco Industries, Inc. (Specco) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. No other representations or statements made by Specco representatives, in writing or orally, shall alter this warranty. Specco MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Specco explicitly excludes any written or oral statements or implied warranty on the performance of an applied/installed product manufactured or sold by Specco or through a Specco authorized distributor or reseller. Specco has no control over adherence to Specco's application standards, site conditions, atmospheric variations, installer/applicator skill level or the determination of the suitability of any Specco products for a specific intended purpose. Buyer shall be solely responsible for determining the suitability of Specco's products for the Buyer's intended purposes.*

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