



CURE & SEAL 350

CONCRETE CURING & SEALING COMPOUND-GLOSS FINISH

PRODUCT DESCRIPTION: Specco *Cure & Seal 350* is a clear acrylic copolymer, solvent-based, curing, sealing, hardening and dust-proofing compound for interior (see cautions) and exterior concrete. *Cure & Seal 350* will form an impervious film that is resistant to the alkali present in fresh cement, and will retain moisture for freshly placed concrete ensuring proper strength development. *Cure & Seal 350* will penetrate the substrate and provide a protective seal on the surface that is resistant to mild acid, alkali, and salt attack, and will not support mold growth. *Cure & Seal 350* will increase the stain resistance of the concrete and allow easier cleaning, maintenance, and extended wear.

BENEFITS:

- **Formulated at reduced V.O.C. levels for use in the O.T.C. region states**
- **Hardens and dust proofs new concrete by providing proper cure**
- **Provides anti-spall protection against salt attack**
- **Non-yellowing acrylic composition provides improved resistance against sun (U.V.) degradation**

LEED CREDIT CONSIDERATIONS: Materials and Resources: **MR Credits 5.2:** Regional materials- Greater than 20% extracted, processed and manufactured regionally at production location: Kankakee, Illinois 60901. (100% Content-Harvested within 500 miles.

PHYSICAL / TECHNICAL DATA:	APPROXIMATE VALUES:
Composition:	Acrylic copolymer in hydrocarbon base
Color:	Crystal clear solution
Solids:	25.25%(+/-) 0.25%
Weight/gallon:	8.14 lb./gal. (+/-) 0.10
Dry to Touch:	20-30 minutes
Hard Film / Recoat Time:	2hours
Light Foot Traffic:	4-5 hours
Vehicle Traffic:	10-12 hours
V.O.C. Levels:	(345 g/L) 2.87 lbs. /gal.
Flashpoint:	52 ° F (11 ° C)

*Drying time assuming 65°–85° F (18°-29° C) at 50% relative humidity. Low concrete or air temperature and/or high relative humidity will extend dry times.

SPECIFICATIONS/COMPLIANCES: *Cure & Seal 350* is formulated to comply with: ASTM C-309 Type I, Class A&B, ASTM C-1315 Type I, Class A and ASTM C-156-71. *Cure & Seal 350* contains less than 350 g/L (2.92 lbs. /gal.) volatile organic compounds and meets the Architectural Coatings requirements in accordance with EPA 40 CFR Part 59 Table 1 Subpart D for Concrete Curing and Sealing Compounds. *Cure & Seal 350* complies with most O.T.C. region states as well as current National AIM reduced (350 g/L) VOC compliance requirements for all states excluding California.

COVERAGE: For best appearance and performance, apply uniformly and at recommended coverage rates below, listed in square feet per gallon/ (m2 / liter).

Application:	First Coat*	Second Coat*
Curing and Sealing New Concrete	250-300 / (6.2-7.4)	350-400 / (8.6-9.8)
Sealing Existing (Old) Concrete	350-400 / (8.6-9.8)	450-500 / (11.0.6-12.2)

*Coverage rates will vary from the above depending on surface porosity, finishing technique (hard trowel or broom finish).

APPLICATION: SEALING NEWLY Poured CONCRETE:





Spraying: For optimum curing applications, apply **Cure & Seal 350** after final finishing is complete and there is no visible surface water “sheen” present. **Preferred application of Cure & Seal 350** is by airless spray or hand held (pump up spray) method for optimum uniformity. Hand held sprayers should be of acetone resistant design, while common polyethylene (gardening type) **should not be used**. If puddles form or too much sealer is applied in certain areas, note that the sealer film will dry very fast. Therefore, working quickly, immediately back roll any excess material into a thin film using a low (1/4 inch) nap, solvent resistant roller or lambs roller. **Rolling:** If applying **Cure & Seal 350** by roller technique only, special precautions should be taken to ensure a uniform, even colored application. Using a short-nap (1/4 inch) solvent resistant roller, or lamb’s wool applicator, apply **Cure & Seal 350** in quick rolling technique while maintain a constant wet edge. **Specco B-41 Re-Solve is highly recommended here as a rolling aid, used in tandem with the Cure & Seal 350 to allow a longer rolling time and to avoid potential surface mottling of the sealer upon drying. A wet edge must be maintained at all times when rolling, otherwise, an uneven “tiger striping” effect may result.** Do not roll back and forth excessively as this may cause film bubbling. Also note that rolling should be completed quickly, as re-rolling immediately after the film has already begun to dry can cause the roller to become tacky and may result in a “cob-webbing” or stringy effect which can also dry unevenly.

Cure & Seal 350 is designed for a two-coat application for uniform applications, with the first coat acting as a primer seal coat and the second coat to be applied only after the first coat has dried (typically one hour apart minimum). Always apply two thin coats, with the second coat being applied at a 90 degree angle to the first coat to help minimize any roller application lines from the first coat (if present) . Use Xylene or similar aromatic solvent for sprayer cleanout after sealer application is complete.

APPLICATION: FOR SEALING EXISTING (OLD) CONCRETE: The surface should first be thoroughly cleaned. Oil and petroleum stains should be removed with a degreaser solution like **Specco Clean & Prep C-20** or **Citrus Solve C-25**. For cleaning and degreasing combination the use of **Specco Enviro Clean & Etch C-30** is recommended in combination with a pressure washer. Allow the cleaned surface to dry for a recommended **minimum of 24 hours** to minimize any water entrapment (blushing) under the **Cure & Seal 350** film.

LIMITATIONS: After application, **Cure & Seal 350** will dry to a gloss film. **A test area is always recommended** to determine product suitability before use, especially on light colored driveways, sidewalks, or patios where appearance is critical. After test application, If residual solvent odor is objectionable during application, the use of a water-based, low odor product, such as **Specco’s Enviroseal or Uresheen 30**, may be preferred. **When re-sealing existing or old concrete, Cure & Seal 350 will darken or highlight imperfections or aggregate surface colors, possibly resulting in a mottled appearance on the first coat. A second coat application usually corrects this situation.** **Cure & Seal 350** can be used to seal freshly poured colored concrete or over dry shake hardeners, but film mottling (un-uniformity) may occur due to high levels of hydration water still present in the surface. Do not apply **Cure & Seal 350** over concrete that will receive epoxy or urethane based coatings, or over existing epoxy-based topcoats. The use of **Specco Envirocure 1315** is recommended for these situations. **Cure & Seal 350** is considered a light duty “thermoplastic resin” type sealer that can soften when exposed to heat, and therefore may exhibit tire markings or rubber transfer when subjected to forklift or other wheeled traffic. Do not use **Cure & Seal 350** in areas subjected to strong solvents, such as gasoline or brake fluid. Do not apply **Cure & Seal 350** if rain is expected within 12 hours of sealing. Do not apply when concrete surfaces are below 40° F (4°C) and dropping or above 90° F (31°C) and rising. For ideal sealer properties and improved bond, the **Cure & Seal 350** should be applied in early morning or late afternoon time periods and should not be applied in full sun if possible. In cold applications, **Cure & Seal 350** will not freeze but should be warmed ideally to 50° F (25° C) before use. **Cure & Seal 350** can be slippery when applied and during drying. Keep all traffic off the treated surface until dry. Protect all grass, foliage and related landscaping from over-spray. **FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.**

SLIP RESISTANCE: The use of **Specco Spec Grip** anti-slip additive is recommended for increased traction on surface inclines or around consistently wet areas such as deck pool surrounds. Restrict foot traffic for at least 4 hours, 12 hours is preferred.

GHS HAZARD RATINGS: DANGER:



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Irritant: **Respiratory Tract Irritation.**



Health Hazard: **Reproductive Toxicity**



Health Hazard: **Flammable Liquid**



Health Hazard: **Toxic to aquatic life**

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: CONTAINS FLAMMABLE LIQUID AND VAPORS! INTENDED FOR EXTERIOR USE ONLY IN WELL-VENTILATED AREAS. Before using, the applicator should read all label, technical data and safety information completely. Store and apply away from sources of heat, sparks, open flame, or ignition. To prevent possible explosion, turn off any nearby gas/water heater pilots if they are in proximity of the application area. In exterior applications, all HVAC openings, windows and air intakes should be closed to prevent possible intake of fumes into the building interior. Do not apply in or around buildings occupied by non-construction personnel, as the solvent odors may be irritating. *Cure & Seal 350* is not to be applied in or near areas containing food or drink products. These should be removed and only returned after all solvent vapors have dissipated. Empty containers may contain explosive vapors that are heavier than air. Keep containers closed. Do not cut or weld on or near empty containers. Under all circumstances, avoid the introduction of compressed air into the container. Make sure that the product application is static free. Avoid breathing vapors. Wear protective clothing and safety glasses during application. Use with adequate ventilation. Use with OSHA/NIOSH approved eye protection and air (vapor) respirator. This product may cause damage to the liver or kidneys through prolonged or repeated exposure to the skin. Avoid ingestion, skin and eye contact and inhalation of the spray mist.

H.M.I.S: HEALTH = 2, FLAMMABILITY = 3, REACTIVITY = 0, PERSONAL PROTECTION = G

SHIPPING NAME: Mixture:Methyl Acetate, CAS # 79-20-9, Xylene,CAS# 1330-20-7,Ethylbenzene,CAS#100-41-4- / regulated by D.O.T.

SHIPPING CLASS: UN 1866, Resin Solution, FLAMMABLE LIQUID, HC 3, PGIII

ITEM 44500, SUB 2, FREIGHT CLASS 85 – Concrete Sealer,Flammable Liquids, NOI

PACKAGING: 1 gallon (3.78 L), 5 gallon (18.9 L), and 55 gallon (208 L) containers.

STORAGE: 40° to 90° F (4° to 31° C)

SHELF LIFE: 3 years 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.*

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