



PEBBLESHEEN

ACRYLIC CURING & SEALING FOR EXPOSED AGGREGATE CONCRETE

PRODUCT DESCRIPTION: Specco *Pebblesheen* is a clear acrylic copolymer, solvent-based, curing, sealing, hardening and dust-proofing compound for interior (see cautions) and exterior concrete. *Pebblesheen* 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. *Pebblesheen* 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. *Pebblesheen* will increase the stain resistance of the concrete and allow easier cleaning, maintenance, and extended wear.

BENEFITS:

- Provides high gloss sheen and color enhancement
- Ideal for exposed aggregate driveways, walkways & patios
- Hardens new concrete by providing proper cure
- Provides “anti-spall” protection against salt attack
- 100% acrylic composition will not discolor from sun exposure

COMPOSITION: Acrylic copolymer in a hydrocarbon base

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 DATA:	APPROXIMATE VALUES:
Color:	Crystal clear solution
Solids:	25.25 +/- 0.25%
Weight/gallon:	7.61 lb./gal +/-0.10
Flashpoint:	105 degrees F (estimated)
TECHNICAL DATA:	APPROXIMATE VALUES:
Drying time between coats	2-3 hours
Light foot traffic:	5-6 hours
Vehicle traffic:	24-48 hours
Maximum hardness	7 days
V.O.C. levels:	5.68 lbs. /gal. (681 g/L)

*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: Specco *Pebblesheen* is formulated to comply with: ASTM C-309, Type I, ASTM C-1315, Type I, Class B, and ASTM C-156-71. Contains less than 700 g/L (5.80 lbs. /gal.) volatile organic compounds. This product meets the Architectural Coatings requirements in accordance with EPA 40 CFR Part 59 Table 1 Subpart D for Concrete Curing and Sealing Compounds with a maximum V.O.C. Content of 5.83 lb. / gal. (700 g/L). Does not comply with the O.T.C. states reduced (350 g/L) compliance requirement, thereby excluding California, Connecticut, Delaware, District of Columbia, Illinois, Indiana, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, and Virginia.

DIRECTIONS: Apply Specco *Pebblesheen* by airless spray, short nap (solvent resistant) roller, or lamb’s wool applicator. Hand held sprayers are not recommended for uniformity. *Pebblesheen* requires no pre-blending or mixing. For optimum curing applications, apply *Pebblesheen* after final finishing is complete and there is no visible surface water “sheen” present. For sealing existing or old concrete, the surface should be first thoroughly cleaned, rinsed, and allowed to dry. Oil and petroleum stains should then be removed with a degreaser solution like Specco *Citrus Solve C-25*. The use of Specco *Enviro Clean & Etch C-30* cleaner is recommended, in combination with a pressure washer for removal of dirt, waxes, or surface laitance. Remove any remaining old sealers or resins with Specco *B-41 Re-Solve* (Xylene based) aromatic solvent, lacquer thinner, or paint stripping compounds. If the surface is very contaminated, sandblasting or abrasion techniques may be used.

COVERAGE: After application, *Pebblesheen* dries to a clear, high gloss film. For best appearance and performance, apply uniformly and at recommended coverage rates below, listed in square feet per gallon/ (m2 / liter).

Application:	First Coat*	Optional Second Coat*
Curing and Sealing New Concrete	250-300 / (6.2-7.4)	300-350 / (7.4-8.6)



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Sealing Existing (Old) Concrete	350-400 / (8.6-9.8)	350-400 / (8.6-9.8)
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*Coverage rates will vary from the above rates depending on surface porosity and finishing technique. Rates above are assuming hard (steel) trowel finish.

LIMITATIONS: After application, Specco *Pebblesheen* will dry to a clear, high gloss type finish. If residual solvent odor is objectionable during application, the use of a water-based, low odor product, such as Specco *Envirocure 1315*, may be preferred. When re-sealing existing or old concrete, *Pebblesheen* may darken or highlight imperfections or aggregate surface colors, resulting in a mottled appearance. A test area is always recommended to determine product suitability before use, especially on light colored driveways, sidewalks, or patios where appearance is critical. Some over absorbent substrates may wick moisture or water from the ground, causing efflorescence or minerals to deposit under the acrylic film, thus causing discoloration or blushing. *Pebblesheen* can be used to seal freshly poured colored concrete or over dry shake hardeners, but mottling may occur. Do not apply *Pebblesheen* 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 areas. Do not apply *Pebblesheen* over stained wooden joint dividers for exposed aggregate panels, as the stain may dissolve and spread while the *Pebblesheen* is still wet. *Pebblesheen* 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 *Pebblesheen* in areas subjected to strong solvents, such as gasoline or brake fluid.

CAUTIONS: Do not apply Specco *Pebblesheen* over dusty, painted, frozen or hot surfaces, or if rain is expected within 24 hours. Do not apply when concrete surfaces are below 40° F (4° C) or above 120° F (49° C). *Pebblesheen* will not freeze but should be warmed to 50° F (25° C) before use. When applied as an interior sealer, there should be no building occupancy prior to the removal of the vapors with a positive ventilation system.

GHS HAZARD RATINGS: DANGER:



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 @ 800-535-5053.

WARNINGS & SAFETY INFORMATION: CONTAINS FLAMMABLE LIQUID AND VAPORS! USE ONLY IN WELL-VENTILATED AREAS. Store and apply away from heat, sparks, open flames, water heaters, or any related sources of ignition. 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 though prolonged or repeated exposure to the skin. 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 = 3, REACTIVITY = 1, PERS. PROT = G.

SHIPPING NAME: Mixture; 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 – Flammable Liquids, NOI, Concrete Sealer

PACKAGING: 1, 5 & 55 gallon containers

STORAGE/SHELF LIFE: 40° to 90° F / 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. Unless authorized in writing by an officer of Specco, no other representations or statements made by Specco or its 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.** If any Specco product fails to conform with this warranty, Specco will replace the product at no cost to Buyer. **Replacement of any product shall be the sole and exclusive remedy available and buyer**



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