



SEI CONCRETE CURING AGENT

White Cure or Clear
GCC-300

DESCRIPTION

Construction projects demand curing system that is ASTM approved and meets VOC requirements, is easy to apply, quick drying and cost competitive. Meeting these needs was the driving force behind the development of the GCC-300 curing compound. GCC-300 provides for the complete development of concrete's wear resistance and strength properties while lowering concrete's temperature. GCC-300 is available in a wide range of packing options to meet the varying needs of today's projects.

BENEFITS

- Provides for complete development of concrete's wear resistance and strength properties
- Prevents efflorescence, dusting and spalling
- Low moisture transmission rates
- Water borne for environmental concerns
- Cleans up easily with water when wet
- Economical
- Can apply to 400F

APPLICATION

Apply GCC-300 as soon as possible after the concrete receives its final finishing, just as the water sheen disappears. Do not add thinner, as the product is supplied at the proper consistency for spraying. Dilution will reduce curing efficiency. Thoroughly mix GCC-300 by air or mechanical methods before use to ensure best results and ease of application. Apply by brush, roller or sprayer; however, application by sprayer is preferred. The sprayer should generate at least 40 psi (275 kPa) and spray 1/2 gallon (2 L) of material per minute. Apply at 200 sq.ft./gal. (5.0 m²/L) or less depending on the method of application or specification requirement. Contact SEI Chemical or your distributor for assistance in product application techniques.

Coat uniformly – leave no gaps

To clean equipment:

When wet use water.

PRODUCTS AND SPECIFICATIONS

GCC-300: A premium hydrocarbon 100% resin-based curing compound that was designed to meet the toughest performance and testing requirements. GCC-300 is easily applied and dries quickly to a uniform white film. SEI introduced GCC-300 to offer contractors the performance of a resin-based product at cost levels associated with hard to use wax base cures. The product is ideal for use on projects where a wax-based product would be used only for cost reasons. GCC-300 resists moisture loss to the lowest levels to ensure the concrete reaches maximum hardness, wear resistance and strength properties. The product is ideal for use where top performance is needed or to meet the strictest requirements of testing agencies. Meets the requirements of ASTM C-309 Type II Class A&B, AASHTO M-148 Type II, FAA, VOC requirements.



FREEZING

GCC-300 is supplied as a solvent-in-water emulsion. Not recommended for use at temperatures below 40° F. Keep from freezing and do not store outside in the winter months.

PACKAGING

GCC-300 is available in 55-gallon drums and 5-gallon pails. Contact SEI Chemical directly to discuss your customized packaging requirements.

VITAL STATISTICS

- Flash Point: >200° F (93° C), TCC
- Boiling Point, Azeotrope: MS & water 200° F (93° C)
- Autoignition Temp: ND
- Extinguishing Media: Foam, CO₂, Water
- Fog or spray

HEALTH AND SAFETY

This product is a solvent-in-water emulsion. All precautions provided are for the solvent portion, of which this product contains less than 7%.

- Use only with adequate ventilation
- Use of gloves, goggles and other protective clothing is advised when using this product.
- If swallowed, do not induce vomiting.
- Use of respirators is advised when using in confined areas.

THIS PRODUCT INCLUDES

Material or Component Cas No. Hazardous Data UN#

Titanium dioxide 13463-67-7 10 mg/M3, Total Dust

Calcium carbonate 1317-65-3 15 mg/M3, Total Dust
5 mg/M3, Restorable Dust

Stoddard solvent 8052-41-3 TLV-100 ppm 1255

Emulsifier/additives N/A

Water N/A

Common Name: Hydrocarbon polymer emulsion with pigment

D.O.T. Shipping Name: SI Concrete Curing Agent GCC-300 (Non-Regulated)

SHELF LIFE

If properly stored in its original sealed container, one year. Rotate your stock.

DISCLAIMER

The information provided is to be used as a guide and users should perform their own tests to ensure performance in their application. All data, statements, and recommendations made herein are based upon information we believe to be reliable, but are made without any representation, guarantee or warranty of accuracy. All statements, technical information and recommendations contained herein are based on tests SEI Chemical believes to be reliable, but the accuracy or completeness thereof is not guaranteed. SEI Chemical warrants SEI products will be free from defects when shipped to customer. SEI Chemical's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify SEI Chemical of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer. SEI Chemical shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of SEI Chemical. The foregoing warranty is exclusive and in lieu of all other warranties, express, implied or statutory, including without limitation any implied warranty of merchantability or of fitness for a particular purpose in no case shall SEI Chemical be liable for incidental or consequential damages. Limited warranty, for industrial use only, keep out of reach of children, keep containers tightly closed, not for internal consumption, consult material. Consult Material Safety Data Sheet for more information.

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