

## **STARSEAL<sup>®</sup> ASSIST RTU**

### **READY TO USE EVAPORATION RETARDER**

#### **DESCRIPTION**

**STARSEAL ASSIST RTU** is a ready to use evaporation retardant that is applied to fresh concrete during finishing to extend working time. When properly applied, StarSeal Assist RTU forms a thin, continuous monomolecular film of a fatty acid that reduces early moisture evaporation between the various placing and finishing operations, a major cause of plastic shrinkage cracking.

#### **BENEFITS**

- Formulated for instant usage
- No dilution required
- Helps prevent plastic shrinkage cracking
- Holds in surface moisture reducing evaporation rate
- Extends finishing time
- Minimizes rapid drying due to high wind, direct sunlight and high temperatures
- Dyed yellow as visual application aid

#### **APPLICATION**

- **NOTE:** Do Not dilute
- Mix well with a jiffy type mixer before use.
- Apply StarSeal Assist RTU as required to extend concrete slab finishing.
- Apply by sprayer immediately after placement and first screeding of the concrete.
- Apply at 200-400 sq.ft./gal. (5-10 m<sup>2</sup>/L).
- Repeat spraying procedure as required in localized areas due to premature setting.
- Coverage will vary depending on concrete texture, wind conditions, and ambient temperature.

#### **PROTECT FROM FREEZING**

StarSeal Assist RTU is supplied as an oil-in-water emulsion. Not recommended for use at temperatures below 40°F (4°C). Keep from freezing and do not store outside in the winter months.

#### **TOPCOATS AND ADHESIVES**

StarSeal Assist RTU is not a resin-based curing compound and will not leave any film residue on the surface. After concrete finishing, apply a Vexcon curing compound or cure & seal.

#### **PACKAGING**

StarSeal Assist RTU is available in 55-gallon drums, 5-gallon pails and 275-gallon totes.

#### **SPECIAL NOTES**

- Do not use as a trowel-in finishing aide.
- Do not dilute.
- To clean equipment: When wet or dry, use water.
- Shelf Life: If properly stored in its original sealed container, one (1) year from date of manufacture. Rotate your stock.
- Fugitive dye added
- Can apply to 40°F
- Storage/ Handling: Store in tightly sealed original factory container. Keep from freezing and exposure to moisture. Store at room temperature prior to use. Care should be taken to keep dirt, water and contaminants away from the opening of containers.
- Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- Proper application of Vexcon material is the responsibility of the installer or user. Telephone consultation and/or field visits by Vexcon personnel are for the sole purpose of making technical recommendations only, and not for providing quality control or supervision on location.

#### **SHORT SPECIFICATION**

Evaporation Control: Monomolecular film forming compound designed to reduce rapid moisture loss during placement, float and finish of fresh concrete as manufactured by Vexcon Chemicals.

#### **SPECIFICATIONS/COMPLIANCE**

- Meets the requirements of ACI 308R Section 2.3.2 Liquid Applied Evaporation Reducers
- VOC – 0 grams/liter
- Meets:
  - US EPA AIM-Concrete Curing Compound
  - OTC-Concrete Curing Compound
  - LADCO/MRPO-Concrete Curing Compound
  - CARB-Concrete Curing Compound
  - SCAQMD-Rule #1113-Concrete Curing Compound
  - CEPA/EC-Concrete Curing Compound
- CSI reference: [03 35 00],[ 32 13 13], [32 13 16]

## HEALTH AND SAFETY

- 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.

Vexcon SDS CC114 is an integral part of the safety and application of our product. A short synopsis is provided in this product data sheet. Before using product, it is advisable to obtain a copy of the SDS, CC114, from your distributor or visit [vexcon.com](http://vexcon.com)

## CONTACT US @

Additional product information, technical assistance and customer service is available by contacting Vexcon Chemicals directly or our distributors.

- [vexcon.com](http://vexcon.com)
- [techservice@vexcon.com](mailto:techservice@vexcon.com)
- [customerservice@vexcon.com](mailto:customerservice@vexcon.com)
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- Voice: 888.839.2661
- Fax: 215.332.9997

### **WARRANTY**

LIMITED WARRANTY: Vexcon warrants for a period of one (1) year from the date of manufacture that the goods supplied hereunder shall be of its standard quality and free of defects, and conforms to (a) Vexcon's published specifications in force on the date of acceptance by Vexcon of the order and (b) the sample which has been made available for testing by buyer prior to sale. Any claim under this warranty must be made in writing to Vexcon Chemicals within sixty (60) days after such non-conformity is first discovered. As the EXCLUSIVE REMEDY for any breach of this Limited Warranty, Vexcon at its option shall replace nonconforming goods or refund the purchase price. Since methods of use and application are beyond Vexcon's control, this Limited Warranty IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THOSE CONCERNING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS LIMITED WARRANTY IS ALSO IN LIEU OF ANY OTHER POSSIBLE LIABILITIES OF VEXCON, WHETHER ALLEGED TO ARISE BY AGREEMENT OR BY OPERATION OF LAW, RESPECTING THE SALE, APPLICATION, USE OR FUNCTION OF VEXCON'S PRODUCTS, INCLUDING BUT NOT LIMITED TO CLAIMS OF NEGLIGENCE, GROSS NEGLIGENCE, MISUSE, STORAGE DAMAGE, MISAPPLICATION, ACCIDENT, STRICT LIABILITY OR ANY OTHER TORT. No person is authorized by Vexcon to assume for it any other liability of any kind in connection with the sale or use of products manufactured and sold by it, and there are no oral agreements or warranties collateral to or affecting any sale or use. All of the foregoing arises under the substantive law of Pennsylvania without regard to principles of conflicts of laws.

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