



## Migrating Corrosion Inhibitor Surtreat TPS-V™

### Technical Data Sheet

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#### PRODUCT DESCRIPTION:

Surtreat TPS V is a water-based concrete admixture that protects steel reinforcing in concrete from corrosion. This organic amine ester salt vapor phase penetrating corrosion inhibitor will protect steel from carbonation and chloride ion attack. Designed for use as an admixture to the concrete mix, TPS V will form a passivating film on the surface of the reinforcing steel which will prevent corrosion. TPS V has the same active ingredients and performance of the previously known product – Surtreat XV. Surtreat TPS V complies to the test method of ASTM G 109.

#### RECOMMENDED USES:

Surtreat TPS V is useful on all types of concrete structures reinforced with steel. Typical applications include: Pre-cast, Pre-stressed and Post-Tension Structures, Bridges, Roads and Highways, Marine and Oceanfront Buildings, Parking Garages, Beams, and Pillars.

#### ADVANTAGES:

Surtreat TPS V provides corrosion inhibition to concrete reinforced structures that will extend its useful life.

#### APPLICATION:

Surtreat TPS V is added to the concrete mix at the batching plant, directly to the ready-mix truck or portable mixers, and directly into repair mortars. Add 0.60 liter/m<sup>3</sup> and mix thoroughly.

Please adjust the concrete mix design by reducing the addition of water by 0.45 of a litre per one litre of Surtreat added to the concrete or mortar.

#### PROPERTIES:

Surtreat TPS V properties are as follows:

Appearance:	Milky Liquid
Specific Gravity:	Approximately 0.94
pH:	Approximately 6.5
Solid Content:	Approximately 9.5

#### PERFORMANCE:

Surtreat TPS V has active ingredients that demonstrate to inhibit steel corrosion in the presence of high chloride contaminated concrete. Surtreat TPS V will not have any detrimental effect on normal concrete performance. Surtreat TPS V complies to the test method of ASTM G 109.

#### PACKAGING AND STORAGE:

Surtreat TPS V is available in 20 liter pails and 210 liter drums. The shelf life is 12 months in a sealed container. Store at 5.0-35 degrees Celsius. Do not allow product to freeze.

#### TECHNICAL ADVICE:

The Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

#### SAFETY PRECAUTIONS:

- FOR INDUSTRIAL USE ONLY.
- KEEP OUT OF THE REACH OF CHILDREN.
- NOT FOR INTERNAL CONSUMPTION.
- IF WATER ALLOWED TO EVAPORATE, WILL FORM A FINE WHITE POWDER. AVOID BREATHING DUST OR EXCESSIVE CONTACT WITH EYES AND SKIN. CONSULT MATERIAL DATA SHEET (MSDS) FOR MORE INFORMATION.

*Information contained in this data sheet is based on knowledge considered to be true and correct and is offered for the user's consideration, investigation and verification, but we do not warrant the results to be obtained. No statement, recommendation or suggestion is intended for any use which will infringe any patent or copyright.*

#### Surtreat TPS V (USA) is supplied in the Gulf Region by:



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