

CORROSION INHIBITOR

Triple Protection Against Corrosion



PRODUCT DATASHEET

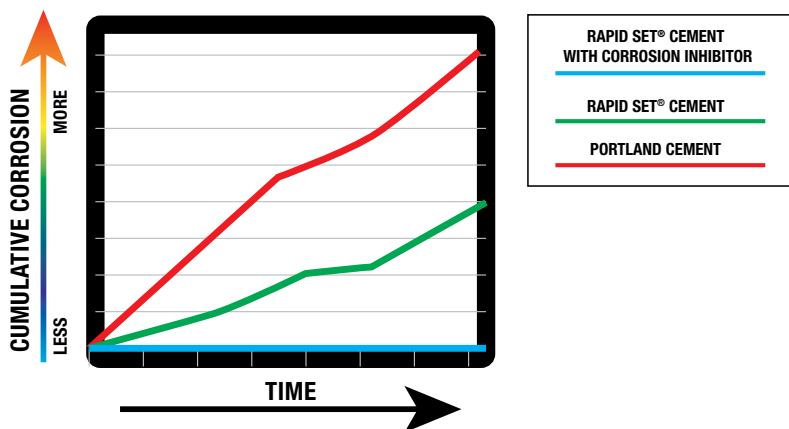
DESCRIPTION: Rapid Set® CORROSION INHIBITOR is a high performance additive designed to extend the life of reinforced concrete structures. Available in individual use packets, CORROSION INHIBITOR is a specialty powder additive that is combined with Rapid Set concrete repair materials during mixing. CORROSION INHIBITOR provides triple protection against corrosion by creating a protective barrier on embedded steel, repelling water and reducing chloride ion permeability.

USES: Use CORROSION INHIBITOR in corrosive environments such as marine applications, high humidity, roadways subject to deicing salt, and severe weathering. CORROSION INHIBITOR may be used in combination with all other products of the Rapid Set® Concrete Pharmacy®.

ENVIRONMENTAL ADVANTAGE: CORROSION INHIBITOR improves construction sustainability by increasing the life of your structure.

DIRECTIONS: Use one 1.7-oz (50-grams) packet of CORROSION INHIBITOR per 50-lb to 70-lb bag of Rapid Set pre-blended concrete repair product. For severe conditions, up to 2 packets may be added. Use only with approved Rapid Set products. Place water into the mixing container. While mixing, add half the dry cement product. While continuing to mix, add CORROSION INHIBITOR packet(s) followed by the remainder of the cement product. Combine with other Concrete Pharmacy products for added performance.

PACKAGING: CORROSION INHIBITOR is available in 1.7-oz (50-g) packets.



OVERVIEW

Highlights:

Creates a protective barrier on embedded steel

Acts as a water repellent

Reduces chloride permeability

Manufacturer:

CTS Cement Manufacturing Corp.
12442 Knott St.
Garden Grove, CA 92841
Tel: 800-929-3030 | Fax: 714-379-8270
Web: www.CTScement.com
E-mail: info@CTScement.com



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SHELF LIFE: CORROSION INHIBITOR has a shelf life of 12 months when stored properly in a dry location, protected from moisture, out of direct sunlight, and in an undamaged package.

USER RESPONSIBILITY: Before using CTS products, read current technical data sheets, bulletins, product labels and safety data sheets at www.CTScement.com. It is the user's responsibility to review instructions and warnings for any CTS products prior to use.

WARNING: DO NOT BREATHE DUST. AVOID CONTACT WITH SKIN AND EYES. Use material in well-ventilated areas only. Exposure to cement dust may irritate eyes, nose, throat, and the upper respiratory system/lungs. Silica exposure by inhalation may result in the development of lung injuries and pulmonary diseases, including silicosis and lung cancer. Seek medical treatment if you experience difficulty breathing while using this product. The use of a NIOSH/MSHA-approved respirator (P-, N- or R-95) is recommended to minimize inhalation of cement dust. Eat and drink only in dust-free areas to avoid ingesting cement dust. Skin contact with dry material or wet mixtures may result in bodily injury ranging from moderate irritation and thickening/cracking of skin to severe skin damage from chemical burns. If irritation or burning occurs, seek medical treatment. Protect eyes with goggles or safety glasses with side shields. Cover skin with protective clothing. Use chemical resistant gloves and waterproof boots. In case of skin contact with cement dust, immediately wash off dust with soap and water to avoid skin damage. In case of skin contact with wet concrete, wash exposed skin areas with cold running water as soon as possible. In case of eye contact with cement dust, flush immediately and repeatedly with clean water and consult a physician. If wet concrete splashes into eyes, rinse eyes with clean water for at least 15 minutes and go to the hospital for further treatment.

Please refer to the SDS and www.ctscement.com for additional safety information regarding this material.

LIMITED WARRANTY: CTS CEMENT MANUFACTURING CORP. (CTS) warrants its materials to be of good quality and, at its option, will replace or refund the purchase price of any material proven to be defective within one (1) year from date of purchase. The above remedies shall be the limit of CTS' responsibility. Except for the foregoing, all warranties expressed or implied, including merchantability and fitness for a particular purpose, are excluded. CTS shall not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of the materials.

CALIFORNIA PROPOSITION 65: Not Listed/Not Regulated

TYPICAL PHYSICAL DATA

CTS 714 Water Absorption Test Method

37% reduction in absorbed water*

ASTM C1202/AASHTO T-277 Chloride Permeability

28 days

400 to 900
coulombs

*As compared to a sample with no corrosion inhibitors



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