



PRODUCT DATA HRCSA 10-001

Engineers Choice

HRCSA-10 High Ratio Co Polymerized Calcium Sulfonate Penetrant/Sealer

Resin: High Ratio Co-Polymerized Calcium Sulfonate HRCSA (Minimum 15% active sulfonate, must maintain a 9-11 to 1 ratio Total Base Number to Active Sulfonate ie. total base number of 135 to 165 to 15% Active Sulfonate as determined by Titration Testing)

Description: HRCSA10-001 High Ratio Co- Polymerized Calcium Sulfonate Penetrant Sealer is a 100% solids, zero VOC, high performance environmentally friendly proprietary penetrant sealer formulated specifically to remain active. Its unique properties allow it to neutralize acid, displace moisture, scavenge oxygen, thoroughly wet surfaces and stop crevice corrosion, pack rusting, and corrosion frozen bearings on steel structures. The unique chemistry addresses the physical and chemical components of the crevice corrosion and pack rust.

Colors: Amber solution

Viscosity: 20-40 seconds #4 Ford Cup

VOC'S: Zero

Mixing: as required.

Thinning.No thinning required

Recommended Film Thickness: Variable

Spread rate: 1604 sq. ft. per U.S. Gal. @ 1 mil DFT

Solids: 100%

Weight Per US Gallon: 6.25 lbs/US Gal. \pm .25%.

Drying Times: When used as a penetrant only allow 24 hours for maximum penetration. HRCSA10-001 High Ratio Co-Polymerized Calcium Sulfonate Penetrant/Sealer may be topcoated wet on wet when an extra 10 mils DFT of HRCSA 10-800 High Ratio Co- Polymerized Calcium Sulfonate Self Priming/Topcoat is applied to the pack rusted joints, crevices, corrosion frozen bearings or back to back angles during the cutting in process.

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Products uses: For a pplication to joints, crevices, back to back angles, corrosion frozen bearings and tubing on steel structures such as bridges, towers, cranes, conveyor systems, cable suspension systems and vehicle frames where coating is impossible. An industrial maintenance coating primarily used in the Bridge & Marine industries. Consult Bippacco representative for technical assistance.

Surface Preparation: Spot repairs of failed joints Remove excessive dirt and contaminants. Open joints with a sharp object, blow dry to allow the HRCSA10-001 High Ratio Co- Polymerized Calcium Sulfonate Penetrant/Sealer to penetrate thoroughly.

SSPC SP WJ4 High pressure Water Cleaning (HPWC) joints. Joints should be blown dry with clean, dry 100 PSI high-pressure air to insure water has been removed. When used without the HRCSA 10-800 High Ratio Co- Polymerized Calcium Sulfonate Self Priming/Topcoat, two applications of HRCSA 10-001 High Ratio Co- Polymerized Calcium Sulfonate Penetrant/Sealer are recommended for maximum performance. In this case allow at least 12 hours between applications.

Application: Thoroughly wet out all joints, crevices, cables, corrosion frozen bearings, back to back angles, tube interiors and areas to be protected with HRCSA10-001 High Ratio Co- Polymerized Calcium Sulfonate Penetrant/Sealer by spray or brush.

Excessive HRCSA 10-001 High Ratio Co- Polymerized Calcium Sulfonate Penetrant/Sealer allowed to remain on other surfaces will inhibit the dry of the HRCSA10-800 High Ratio Co- Polymerized Calcium Sulfonate Self Priming/Topcoat and should be brushed out.

Application Equipment: Any type of Sprayer that will force the HRCSA 10-001 Penetrant/Sealer into the crevice

Performance Data: NA

Shelf Life: 24 months minimum in original unopened container stored between 32 F and 100 F. Material subject to reinspection after 24 months.

Safety Information: For Industrial USE ONLY. Read MSDS prior to opening. Avoid contact with skin and eyes. Use organic respirators when using this product. Vapors might be harmful. Use caution as adequate ventalation, protective clothing, respirators, and gloves.

This product is manufactured exclusively for distribution by Bipacco LLC St. Louis MO 314-517-4828

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