A CSW Industrials Company

PRODUCT DATA SHEET

# RECTORSEAL NO. 5®

Premium Pipe Thread Sealant

## Description

RectorSeal No. 5 is our most popular thread sealant. It has withstood the test of time in a variety of uses and is widely known as the "standard of the industry." RectorSeal No. 5 is a non-hardening, slow-drying thread sealant made from special inert fillers dispersed in an oleoresinous base to facilitate its application to threaded pipe connections. RectorSeal No. 5 is a unique, versatile and reliable sealant that is non-toxic in accordance with NSF Standard 61-G & 372. In addition, it is Underwriters Laboratories Inc. (UL) classified, listed under the Uniform Plumbing Code (IAPMO) File No. 1282, and it is approved and listed with the Canadian Standards Association (CSA).




## Applications

RectorSeal No. 5 is recommended for pipe made of galvanized steel, iron, brass, copper, aluminum, stainless steel, polyethylene, reinforced fiberglass, and PVC. DO NOT USE ON ABS OR CPVC.

RectorSeal No. 5 is recommended for pipe carrying:

- Acids, dilute
- Air, compressed
- Aliphatic solvents
- Ammonia – gaseous, liquid
- Caustics, dilute
- Cutting oils (low aromatic)
- Diesel fuel oil
- Gasohol (unleaded gasoline and 10% alcohol)
- Gasoline (leaded and unleaded)
- Heating oils
- Helium, gaseous
- Hydraulic oils
- Hydrogen, gaseous
- Inert gases
- Kerosene
- Liquefied petroleum gases (butane, propane, mixtures)
- Mineral oils
- Natural gas
- Nitrogen, gaseous
- Petroleum solvents
- Refrigerants
- Soap, liquid
- Steam
- Vegetable oils
- Water (hot or cold)

Not recommended for oxygen, chlorine and other oxidizers.

## Characteristics | Features

- For use with potable water
- Lead free and contains no other metals
- Non-hardening, slow drying
- Brushable from 20°F to 140°F
- Multipurpose – wide range of service uses
- Immediate pressurization on pipe up to 2" and 100 psi
- For pressure up to 12,000 psi (liquids) and 2,600 psi (gases)
- Smooth easy application
- Permits easy break out with no damage to threads
- Economical – requires only a small amount
- Reduces friction to allow tighter joint makeup
- Lubricates and protects threads

## Packaging

| Code | Size | Qty. per Case | Lbs. per Case | Cubic Feet |
|---|---|---|---|---|
| 25790 | 1 ¾ 0z. display (50 g) | 24 Tubes | 4 | 0.13 |
| 25793 | 1 ¾ 0z. display (50 g) | 12 Tubes | 2 | 0.06 |
| 25631 | ¼ Pint Brush Top (118 ml) | 24 cans | 11 | 0.18 |
| 25633 | ¼ Pint Brush Top (118 ml) | 12 Cans | 6 | 0.14 |
| 25551 | ½ Pint Brush Top (237 ml) | 24 Cans | 21 | 0.45 |
| 25431 | Pint Brush Top (237 ml) | 12 Cans | 20 | 0.43 |
| 25300 | Quart Brush Top (946 ml) | 12 Cans | 37 | 0.78 |
| 25271 | Gallon Friction Top (3.8 L) | 4 Cans | 46 | 0.94 |

## Instructions

**Step 1** Stir before using. Wipe threads clean.

**Step 2** For pipe diameters up to 1¼", apply to male threads only. For larger sizes, apply to both male and female threads.

**Step 3** Join and tighten pipe to ANSI Standards.

**Step 4** Wipe excess sealant from joints. For natural gas and water lines up to 2" diameter and up to 100 psi, piping systems may be placed into immediate service. For other service and applications conditions. Contact Technical Service for recommended cure times.

For additional technical information, call toll free 1-800-231-3345.

## Precautions

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE EXPOSURE OR ACCIDENT,
CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300

**WARNING - COMBUSTIBLE**

Refer to Safety Data Sheet (SDS).

**KEEP OUT OF REACH OF CHILDREN.**

## Specifications

| | |
|---|---|
| Wt/Gal @ 77°F | 10.8 ± 0.5 lbs/gal. |
| VOC | 317 g/L |
| Flash Point SETA CC | 150°F (65°C) |
| Color | Yellow |
| Shelf Life | 2 years |

## Approvals

NSF Certified to NSF/ANSI/CAN 61 NSF pw-dwv-sw

UPC File No. 1282

CSA US

CLASSIFIED UL

ULC LISTED PIPE JOINT COMPOUND MH12259

Meets ANSI LC 7-2009 Working Temperature Range -40°F to 125°F. Maximum Working Pressure: 125 psi. For Use With Natural Gas (VAPOR STATE ONLY). Use on Steel, Galvanized Steel, Iron, Brass, Copper and Aluminum. For Pipe Size Up to And Including 1¼" inch.

Classified by Underwriters Laboratories Inc.® for use in devices handling gasoline, petroleum oils, natural gas (pressure not over 100 psig), propane, or butane not exceeding 2 inch pipe size. 32R2

Suggestions and recommendations covering the use of our products are based on our past experience and laboratory findings. However, as we have no control as to the methods and conditions of application, we only assume responsibility for the uniformity of our products within manufacturing tolerances.

## Limited Warranty

LIMITED 3YR WARRANTY

For more information on our product limited warranty, visit RectorSeal.com

Manufactured by **RectorSeal LLC • 2601 Spenwick Drive, Houston, TX 77055, USA • 800-231-3345 • Fax 800-441-0051 • rectorseal.com**

A CSW Industrials Company. RectorSeal, the logos and other trademarks are property of RectorSeal, LLC, its affiliates or its licensor's and are protected by copyright, trademark and other intellectual property laws, and may not be used without permission. RectorSeal reserves the right to change specifications without prior notice. ©2022 RectorSeal. All rights reserved. R50205-0422