



RECTORSEAL

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 Oz. display (50 g)	24 Tubes	4	0.13
25793	1 ¾ Oz. 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
25191	5 Gallon (18.9)	1 Pail	57	1.12
25112	55 Gallon (208 L)	1 Drum	623	9.01

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

CAUTION - COMBUSTIBLE

PRECAUTIONS: Vapors combustible. May be harmful if swallowed or inhaled. May cause eye and skin irritation. Keep away from heat, sparks, and flames until vapors are gone. Use with adequate ventilation. Use only with good cross-ventilation. Avoid breathing vapors and contact with skin, eyes and clothing. Wash after handling.

FIRST AID: For any overexposure, get immediate medical attention after first aid is given. **EYES**—Flush 15 minutes with clean water. **SKIN**—Wash with soap and water. **INHALATION**—Remove to fresh air. **INGESTION**—Only if conscious, give large amounts of water and **DO NOT INDUCE VOMITING**. **FIRE AND SPILLS:** Use water fog, CO₂, foam, or dry chemicals. Wipe up spills to prevent footing hazard. **STORAGE AND HANDLING:** Store in cool, well-ventilated area. Keep container closed. Do not reuse empty container.

KEEP OUT OF REACH OF CHILDREN.

For additional information, refer to Safety Data Sheet.

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



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

RectorSeal, LLC makes the Limited Express Warranty that when the instructions for storage and handling of our products are followed we warrant our products to be free from defects. THIS LIMITED EXPRESS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION ON THE PART OF RECTORSEAL, LLC. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and RectorSeal, LLC shall not be liable for incidental or consequential damages.

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

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