



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 soft-setting, 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).

Characteristics | Features

- For use with potable water (hot or cold)
- Lead free and contains no other metals
- Soft setting, slow drying
- Brushable from 20°F to 140°F
- Will not dry out in the can
- 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

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.

Packaging

| Code | Size | Qty. per Case | Lbs. per Case | Cubic Feet per Case |
|-------|-----------------------------|---------------|---------------|---------------------|
| 25790 | 1¾ oz. display (50 g) | 24 tubes | 4 | 0.13 |
| 25793 | 1¾ 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 (473 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 L) | 1 pail | 57 | 1.12 |
| 25112 | 55 gallon (208 L) | 1 drum | 623 | 9.01 |

Instructions

1. Stir before using. Wipe threads clean.
2. For pipe diameters up to 1¼", apply to male threads only. For larger sizes, apply to both male and female threads.
3. Join and tighten pipe to ANSI Standards.
4. Wipe excess sealant from joints. For natural gas, air and water lines up to 2" diameter and up to 100 psi, piping systems may be placed into immediate service. For other service and application conditions, cure times may vary. 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 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: For fire, 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 upright and tightly 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 content | 317g/L |
| Flash point SETA CC | 150°F (65°C) |
| Color | Yellow |
| Shelf life | 2 years |

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



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

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

RectorSea® 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®. 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 RectorSea® shall not be liable for incidental or consequential damages.

Manufactured by

RectorSeal®

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