



A CSW Industrials Company

PRODUCT DATA SHEET

NO.5[®] SPECIAL and NO. 5[®] SUB-ZERO Pipe Thread Sealants

Description

These premium grade thread sealants are a variation of our basic RectorSeal No. 5[®] formulation modified for specific applications where low odor, non-staining, and soft set features are desired. RectorSeal No. 5 Special is especially formulated for use around gas detection equipment. RectorSeal No. 5[®] Sub-Zero is especially formulated for low temperature applications and is brushable to -35°F. They are listed under the Uniform Plumbing Code (IAPMO) File No. 1282. In addition, they are approved and listed with the Canadian Standards Association (CSA).



Applications

RectorSeal No. 5 Special and RectorSeal No. 5 Sub-Zero are 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 – use RectorSeal[®] T Plus 2[®].

RectorSeal No. 5 Special and RectorSeal No. 5 Sub-Zero are recommended for pipe carrying:

- Acids, dilute
- Air, compressed
- Ammonia, gaseous and liquid
- Aliphatic solvents
- Caustics, dilute
- Cutting oils (low aromatic)
- Diesel fuel oil
- Freons
- Gasoline
- Heating oils
- Helium, gaseous
- Hydraulic oils
- Hydrogen, gaseous
- Inert gases
- Jet fuel, JP-3, 4, and 5
- Kerosene
- Mineral oils
- Natural gas
- Nitrogen, gaseous
- Petroleum solvents
- Soap, liquid
- Steam
- Vegetable oils
- Water (hot or cold)

Characteristics | Features

- Soft set
- Won't dry out in the can
- Non-hardening and odorless
- Smooth easy application
- Non-staining all weather formula
- Lubricates and protects threads
- Breaks out easily without damaging threads
- Lead free and contains no other metals
- For use with water systems (hot or cold)
- Reduces friction to allow tighter joint makeup

Packaging

Code (No. 5 Special)	Code (No. 5 Sub-Zero)	Size	Qty. per Case	Lbs. per Case	Cubic Feet
	27731	1/4 Pint Brush Top	24 Cans	11	0.23
26551	27651	1/2 Pint Brush Top	24 Cans	21	0.56
26431	27541	Pint Brush Top	12 Cans	20	0.53
26390	27460	Quart Brush Top	12 Cans	39	0.81
	27371	Gallon Friction Top	4 Cans	56	1.17
66309	27111	5 Gallon	1 Pail	68	0.92
26112	27222	55 Gallon	1 Drum	689	9.16

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. Use with adequate ventilation. 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 **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	11.8 ± 0.5 lbs/gal.
VOC	160g/L
Flash Point SETA CC	205°F (96°C)
Color:	
No. 5 Special	Gray
No. 5 Sub-Zero	White
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.

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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