



A CSW Industrials Company

PRODUCT DATA SHEET

RECTORSEAL NO. 21 Pipe Thread Sealant

Description

RectorSeal No. 21 is scientifically compounded from special inert fillers and an oleoresinous base to make it a very dependable sealant for lines carrying a wide range of liquids and gases in a variety of industries and uses. It is lead free and contains no other metals. RectorSeal No. 21 is approved and listed with the Canadian Standards Association (CSA).

Applications

RectorSeal No. 21 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 – use RectorSeal® T Plus 2®.

RectorSeal No. 21 is recommended for pipe carrying:

- Acids, dilute
- Air, compressed
- Ammonia, gaseous and liquid
- Aliphatic solvents
- Caustics, dilute
- Cutting oils (low aromatic)
- Freons
- Gasoline, leaded and unleaded
- Gasohol (unleaded gasoline, 10% alcohol)
- Heating oils
- Helium, gaseous
- Hydraulic oils
- Hydrogen, gaseous
- Inert gases
- Jet fuel, JP-3, 4 and 5
- Kerosene
- Liquified petroleum gases (butane, propane, mixtures)
- Mineral oils
- Natural gas
- Nitrogen, gaseous
- Petroleum solvents
- Soap, liquid
- Steam
- Vegetable oils
- Water (hot or cold)

Not recommended for oxygen.



Characteristics | Features

- For use where a black sealant is preferred
- Smooth easy application
- Brushable from 20°F to 140°F
- Soft setting
- For use with water (hot or cold)
- Slow drying
- Reduces friction to allow tighter joint makeup
- Lubricates and protects threads
- Permits easy break out with not damage to threads
- Easy application – brush top applicator

Packaging

Code	Size	Qty. per Case	Lbs. per Case	Cubic Feet
28651	1/2 Pint Brush Top (237 ml)	24 Cans	21	0.45
28541	Pint Brush Top (473 ml)	12 Cans	21	0.43

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	10.6 ± 0.5 lbs/gal.
VOC	317 g/L
Flash Point SETA CC	185°F (85°C)
Color	Black
Shelf Life	2 years
Federal Specification	TT-S-1732

Approvals



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

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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