



A CSW Industrials Company

**NICKEL-RICH™**  
Extreme High Temperature  
Anti-Seize and Lubricant

**Description**

Nickel-Rich™ is a premium quality anti-seize and lubricant for use in extreme temperatures and hostile environments. The carrier of this remarkably effective compound volatilize at high temperatures and deposits a pure nickel metallic layering on surfaces and prevents metal to metal contact. This allows the solids to serve as lubricant, cushion, and seal. This layering also prevents the welding under compaction that leads to seizure and galling.

**Characteristics | Features**

- Contains no lead, copper, graphite, chlorides or other halogens, phosphorous or silicones
- Chemically inert and resists attack by acidic and caustic chemicals
- Prevents seizure for easy breakout up to 2600°F (1427°C)
- Will not run, drip or settle out even on hot surfaces
- Brushable down to 0° F (-18°C) and will not dry out or harden in storage
- Ideal for outdoor use - strong resistance to water washoff
- Unsurpassed rust and corrosion protection by water penetration or water washoff
- Exceeds military specification MIL-A-907E

**Applications**

Nickel-Rich is our highest temperature rated anti-seize and lubricant. It can be used safely with ammonia, acetylene and vinyl monomers which are unstable in the presence of copper. It contains no copper or graphite (graphite carbonizes above 550°F and weakens stainless steel.) Therefore, it can be used in applications that prohibit the presence of copper and works equally well on all types of metal to metal surfaces including stainless steel and combinations of dissimilar metals, and on plastics and gasket materials.

Nickel-Rich is used extensively in refineries, chemical plants, petro-chemical plants, power generation facilities and other harsh environments on such application as burner tips, furnace hinges, heat exchangers, reactor bolts, manifolds, manhole studs, sliding surfaces , keyways and bushings

Not for use on oxygen. It is for industrial use only by trained professional personnel.

**Packaging**

Code	Size	Qty. per Case	Lbs. per Case	Cubic Feet per Case
73851	8 ounce	12		.56
73831	pound	12		.53

## Instructions

### READ ALL DIRECTIONS, SDS AND WARNINGS ON LABEL BEFORE USING

1. Apply Nickel-Rich directly to surfaces to be protected or joined.
2. Work into the threads or crevices with a flexible-bristled brush.
3. Join parts in normal manner.

DO NOT USE NICKEL-RICH AS A THREAD SEALANT AGAINST INTERNAL PRESSURE.

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!

**KEEP OUT OF REACH OF CHILDREN  
READ BACK PANEL CAREFULLY.**

**CONTAINS: Nickel which is a suspected carcinogen.** Use only as directed with adequate ventilation. **PRECAUTIONS:** May cause skin and eye irritation. May be harmful if swallowed. Wear adequate protective gear to avoid contact with skin, eyes and clothing. Do not ingest. Wash thoroughly after handling. Keep container closed when not in use and do not reuse empty container. Do not store or use near food or feed. Dispose of in accordance with all governmental regulations. **FIRST AID: Skin:** Wash off with soap and water. **Eyes:** Flush with water for 15 minutes. Seek medical attention if irritation persists. **Inhalation:** Move to fresh air. Give artificial respiration if breathing has stopped, and oxygen if available. Call physician immediately.



**WARNING:** This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**For additional information, refer to Safety Data Sheet.**

## Specifications

Wt/Gal @ 77°F	9.2 +-0.5 lb s/gal
Flash Point SETA CC	390° F
Color	Silver
Shelf Life	2 years minimum
Federal Specifications	Exceeds MIL-A-907E

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

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