



A NEW FORCE IN CHEMICAL MANUFACTURING

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TECHNICAL DATA SHEET

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PRODUCT NAME

CT-R28 Nickel Anti-Seize

PRODUCT RANGE

Part Number	Available Size
CT-R28-75	75 g (Dispensing Tube)
CT-R28-200	200 g (Dispensing Tube)
CT-R28-250	250 g (Brush Top Bottle)
CT-R28-500	500 g (Brush Top Can)



Refer to MSDS for product safety guidelines

CT-R28 Nickel Anti-Seize

Chemtools® R28 is a Nickel based anti-seize and lubricating compound which has been especially formulated for industrial use. The advanced formula will protect metal parts against extreme temperature seizing and corrosion. It is recommended for use where the presence of Copper is restricted.

TYPICAL USES:

- All Stainless-Steel Applications
- Pipes
- Drills and Taps
- Hinges
- Bolts and Nuts
- Valve Fixtures
- Chains
- Gears
- Flanges
- SS Pump Fittings
- Farming Equipment
- Mining and Marine Equipment

PHYSICAL PROPERTIES:

Appearance	Smooth Paste
Colour	Dark Grey
Water Resistance	Excellent
NGLI	2
Friction Coefficient	0.095
Nut Factor	K Values 0.17 +/- 0.05
Solids (Graphite & Nickel)	20%
Carrier	80%
Specific Gravity	1.2 to 1.4
Temperature Range	-100°C to +1200°C
Dropping Point	Non-Melting
Worked Penetration	300 – 350
RoHS	Compliant

FEATURES AND BENEFITS:

- Resists galling of stainless steel
- Prevents high temperature seizing on metal parts
- Resistance to most chemicals, salt water and exposure to the elements

- Minimise corrosion on threaded parts
- Easy disassembly of equipment and parts
- Reduce cost associated with replacement of spare parts
- Meets MIL-A-907E Specification
- Remains homogenous during storage
- Non-hardening and non-dripping

DIRECTIONS FOR USE:

- Clean all surfaces before use.
- For optimal performance apply a liberal coating of Chemtools® R28 to fixtures, fasteners, pipes, screws, nuts, bolts, slides and anywhere it can be used. Please ensure total coverage.
- The surface of all components should be free of dirt, contaminants and old grease.

GENERAL INFORMATION:

- Where temperature exceeds 1000°C we recommend the use of Chemtools® R28 Nickel Anti-Seize compound.
- Not recommended for high speed bearing applications and where indirect food contact is possible.
- Please refer to MSDS before use.
- For industrial use only, please keep out of reach of children.
- Wear suitable safety gear before use, please refer to MSDS.

STORAGE:

Store in closed containers, undercover, in a cool and dry environment.

PRECAUTIONS:

This product is capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the material.

WARRANTY:

All products purchased from or supplied by Chemtools® are subject to terms and conditions set out in the contract. Chemtools® warrants only that its products meet the specifications designated as such herein, or in other publications. All other information supplied by Chemtools® is considered accurate but is furnished upon the express condition. The customer shall make its own assessment to determine the products suitability for a particular purpose. Chemtools® makes no other warranty, either expressed or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or products will not infringe any patent.