

# TECHNICAL DATA SHEET

Product No: 3147, 3193, 3197



## CRC Industries (Aust) Pty Ltd

### NICKEL ANTI-SIEZE

#### *I. Product Description*

CRC Nickel Anti-Seize and Lubricating Compound is a nickel-based formulation for all metals, especially stainless steel. It is free of copper, lead, sulphides and chlorides. This premium high temperature lubricant protects metal-to-metal applications from seizing and galling caused by high temperatures, heavy loads, vibration, chemicals and corrosion. It is safe for use with most chemicals that are unstable with copper. Nickel Anti-Seize has extremely high temperature capabilities and excellent chemical resistance.

Regular use of Nickel Anti-Seize will increase performance and prolong equipment life.

#### *II. Features & Benefits*

- **For all metals, especially stainless steel.**
- **Copper-free formulation** – For use where a clean, chemically inert and stable lubricant is required
- **Extremely high temperature resistance** – Protects parts up to 1315°C
- **Electrically conductive** – Does not insulate and interrupt current flow.
- **Good choice for use on soft metal applications** – Does not compromise integrity of soft metals.
- **Safe for use on both ferrous and non-ferrous metals.**
- **Will not harden** – Heat aging won't affect lubricity of product.
- **Resistant to mild detergents & alkaline wash** – Protects against rust and corrosion.
- **Facilitates fast & easy disassembly** – Saves time in taking apart components.
- **Minimal VOC content** – Contains negligible amounts of volatile organic compounds which cause ground smog.
- **Contains no known ozone depleting chemicals** – Offers effective performance while complying with the EPA regulations on the use of ozone depleting chemicals.
- **Aerosol Includes Permastraw™ Dual-Action Spray System** - Choose pin-point stream or regular spraying action

### **III. Application and Directions**

#### **Preparation:**

- Always read entire label before using product.
- Aerosol application: **Do not apply while equipment is energised.** Shake can vigorously to free agitator ball and mix product. Shake periodically during use.
- For best results, clean scale and old compound from threaded surfaces.
- Note: When grinding or wire brushing use a dust mask.
- Do not use a thinner.

#### **Application:**

- Coat mating surfaces and assemble.
- To avoid contamination, keep container closed when not in use.
- Contains hydrocarbons. Do not use in oxygen service.

### **IV. Typical Properties and Performance Characteristics**

Flash Point	Bulk	Aerosol
	220° C (TCC)	<0° C
Odour	Petroleum	
Appearance	Dark Grey Paste	
Operating Temperature Range	Up to 1315°C	
Torque Coefficient (k) on Steel Nuts & Bolts	0.15	

### **V. Specifications and Approvals**

#### **VI. Package Description**

Part Number	Size
3147	75ml Tube
3193	500ml Brush-Top Bottle
3197	400ml Aerosol + Permastraw™ Dual-Action Spray System

#### **VII. Disposal**

All unused product should be disposed of in conformance with local, and government regulations.

#### **VIII. Special Precautions**

##### **Aerosol Cans**

Do not puncture, incinerate or store above 49° C. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

##### **General**

Use only in well ventilated area. Ventilation may be improved by opening a window or door or providing mechanical assistance. Avoid continuous breathing of vapour and spray mist. Avoid contact with skin and eyes. If ventilation is not adequate, respiratory protection should be worn.

For more information regarding short term and long term exposure, review this product's Material Safety Sheet.

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**PRODUCT WARRANTY:** CRC offers a conditional warranty of this product for the period of 5 years from the date of manufacture.

**DISCLAIMER:** All information on this data sheet is based on testing by CRC Industries (Aust) Pty Ltd. All products should be tested for suitability on a particular application prior to actual use. CRC Industries (Aust) Pty Ltd makes no representations or warranties of any kind concerning this data.