



I. Product Description

CRC Copper Anti-Seize and Lubricating Compound is a general purpose anti-seize lubricant that prevents seizing and galling caused by high temperatures, heavy loads, vibration and corrosion. This unique formula has a smooth texture, fine particle sizing and familiar copper color, making it an excellent choice for closely fitted parts that need extreme lubrication. Regular use of **Copper Anti-Seize** will increase performance and prolong equipment life.

II. Applications

Recommended to lubricate fittings, bushings, flanges, headers, nuts, screws, studs, threaded surfaces, pipes, plugs, and manifolds to prevent seizing and galling of surfaces.

III. Features & Benefits

- **Copper-Based.** Safe for use on both ferrous and non-ferrous metals.
- **High Temperature Resistance.** Protects parts up to 1800° F.
- **Electrically Conductive.** Does not insulate and interrupt current flow.
- **Good Choice for Use on Soft Metal Applications.** Does not compromise integrity of soft metals.
- **Will Not Harden.** Heat aging won't affect lubricity of product.
- **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.
- **M.S.D.[L.]™ Material Safety Data Label** provides instant access to current safety information should an accident or OSHA inspection occur. Helps comply with **OSHA Hazard Communications Standard 29 CFR 1910.1200.**

IV. Physical Properties without propellant

Flash Point.	<u>Aerosol</u> <0° F (TCC)	<u>Bulk</u> 430° F (COC)
Odor	Petroleum	
Appearance	Copper to bronze semi-fluid gel	
Vapor Density	Not applicable	
VOC Content (Fed)	Negligible	
Sara Title III, Sect 313	Yes	
Prop 65	No	

Boiling Point	<u>Aerosol</u> <600° F	<u>Bulk</u> 650° F
Solubility	Negligible in water	
% Solids - Active	50	
Specific Gravity	<u>Aerosol</u> .806	<u>Bulk</u> 1.09
Temperature Range	-95° F to 1800° F	
pH	Not applicable	

V. Specifications and Approvals

- Meets MIL-PRF-907E military specification.

VI. Performance Characteristics

Type of Film	Paste	
ASTM D-56 (Flash Point)	Aerosol <0 °F (TCC)	Bulk 430°F(COC)
Operating Temperature Range.	up to 1800° F	
Torque Coefficient (k) on Steel Nuts & Bolts	0.10	

VII. Directions

- Always read entire label before using product.
- For best results, clean scale and old compound from threaded surfaces.
- Note: When grinding or wire brushing use a dust mask.
- Coat mating surfaces and assemble.
- To avoid contamination, keep container closed when not in use.
- Contains hydrocarbons. Do not use in oxygen service.

VIII. Package Description

Part Number	Container Size
14095	16 oz Aerosol
SL35901	8 oz Brush-Top Bottle
SL35903	16 oz Brush-Top Bottle

IX. Disposal

Disposal requirements vary by state and local jurisdiction. All unused product should be disposed of in conformance with local, state and federal regulations.

IX. Special Use Warnings

Aerosol Cans

Do not puncture, incinerate or store above 120° F. 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 vapor 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.