

Product Data Sheet

No. **29120** - 12/13

ANTI-SEIZE COPPER

Aerosol and Non-Aerosol CARB VOC limit 40% Aerosol, 3% Non-Aerosol

PRODUCT NUMBERS: 9120 - 12-OZ. NET WT. AEROSOL
9122 - 9-OZ. BRUSH TOP
9123 - 1-LB. BRUSH TOP

I. GENERAL DESCRIPTION

Description: This product contains a blend of copper and graphite particles in complex grease designed to lubricate and protect most metals from corrosion and seizure.

Benefits: Ease the assembly and disassembly of parts while reducing wear and friction. This anti-seize is effective in an operating temperature range of -40°F to 2000°F (-40°C to 1093°C). Meets the requirements of MIL-PRF-907F.

Application: Use on threaded connections, metal fittings, packing, sleeves, flanges, machinery, pumps, valves, manifolds, heat exchangers, compressors, bushings, and casting turbines. Do not use on electrical equipment or machinery while in operation. **Do not use in oxygen service.**

Directions: For **aerosol** application, shake can for at least 30 seconds after agitator ball begins to rattle. Hold can upright 8 to 10 inches from the surface to be sprayed. For hard to reach areas and pinpoint applications insert the extension tube firmly into the spray tip. For **non-aerosol** application, clean threads or application area. Apply a thin coating with a stiff bristle brush. Assemble parts. To avoid contamination, close container when not using.

Limitations: Please refer to the Safety Data Sheet for specific information on material hazards, etc. For industrial use in manufacturing facilities.

Packaging:

Aerosol:	Cans (211x604)	12 oz. Net wt. (340 grams)	14.8 fl. oz. (437 ml)
	12 cans/case	14 lbs. (6.4 kg)	0.47 CF (0.013 CM)
Non-Aerosol:	Bottles brush top (pl. rd.)	8 oz. net wt. (227 grams)	6.4 fl. oz. (189 ml)
		16 oz. net wt. (454 grams)	12.8 fl. oz. (378 ml)
	Case - 12, 8-oz. bottles	8 lbs. (3.63 kg)	0.24 CF (0.007 CM)
	Case - 12, 16-oz. bottles	15 lbs. (6.8 kg)	0.61 CF (0.017 CM)

II. CHARACTERISTICS & PROPERTIES

Specifications:

MIL-PRF-907F

Appearance:

Thick paste

Coverage:

Copper

Odor:

Mild petroleum

Dry Schedule:

N/A

Performance and Chemical Properties:

	Aerosol	Non-Aerosol
Weight per gallon	6.6 lbs.....	10 lbs.
Specific gravity	0.79	1.2
Viscosity in centipoise	Not Applicable	Not Applicable
Flammability: Label marking	Extremely Flammable.....	Not Regulated
Flash point.....	<0° F (-18° C).....	325°F (163°C)
Active ingredients by weight.....	45%	100%
Volatile Organic Compound level.....	40%	0%
EPA VOC% Limit.....	40%	3%
CARB VOC% Limit (anti-seize lube).....	40%	3%
Operating temperature range.....	40° to 110° F (5° to 43° C).....	0° to 120°F (-18° to 49°C)
Boiling point.....	Not Applicable	500°F (260°C)
Dielectric strength	Not Applicable	Not Applicable
Lubricity (FALEX FLC Test).....	>200 ft. lbs.....	>200 ft. lbs.
Penetrating ability.....	Not Applicable	Not Applicable
Corrosion protection.....	Good.....	Good
Food contact rating	Not Applicable	Not Applicable
Base Materials	Grease, Graphite, Copper	Grease, Graphite, Copper
Propellant system	Hydrocarbon.....	Not applicable

III. SHIPPING, STORAGE AND HEALTH

	Aerosol	49CFR	Non-Aerosol	IMDG
UN number.....	UN1950	N/A		UN3082
Proper Shipping Description	Aerosols.....	Not Regulated Material		Environmentally Hazardous Substance, Liquid, N.O.S. (copper)
Hazard Class.....	2.1.....	N/A		9
Packing Group	N/A.....	N/A		III
Limited Quantity	Yes.....	N/A		Yes
Warehouse storage level number	NFPA 30B Level 3	N/A		N/A
Storage temperature	32° to 120°F (0° to 49°C).....	32° to 120°F (0° to 49°C).....		32° to 120°F (0° to 49°C)
Shelf life	1 to 3 years.....	5 years		5 years
HMIS ratings				
Health.....	1	1		1
Fire	4	1		1
Reactivity.....	1	1		1

IV. MISCELLANEOUS

Contains no Ozone Depleting Substances (O.D.S.)

V. WARRANTY

1-year performance warranty on all products from date of purchase. Report to home office or local Aerove representative for examination. Because Seller cannot control Buyer's handling or use of product, Seller makes no warranty expressed or implied when not used or stored in accordance with directions. Seller shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement of product or credit of purchase.

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