



MATERIAL SAFETY DATA SHEET

350 RING ROAD ELIZABETHTOWN, KY 42701 (270) 769-5557 (270) 769-6418

NICKEL ANTI-SEIZE PART NO. 49584

SECTION I – IDENTITY INFORMATION

Product Name : Anti-Seize Compound Lubricant

SECTION II – HAZARDOUS INGREDIENTS

If present, IARL, NTP and OSHA carcinogens and chemical subject to this reporting requirements of SARA TITLE III, Section 313 are identified in this section.

	<u>CAS #</u>	<u>TLV</u>	<u>PEL</u>	<u>WGT %</u>
(NON-HAZARDOUS) INGREDIENTS				
Nickel Powder	7740-02-0			15 to 20
Graphite Powder	7782-42-5			15 to 20
Aluminum Powder	7429-90-5			1 to 5
Proprietary Components		N.J.T.S.R.N.		
		80100362-5008P		60 to 70
		80100362-5004P		1 to 5
		80100362-5014P		0.5 to 1.0
		80100362-5002P		0.1 to 0.5

SECTION III - PHYSICAL PROPERTIES

Boiling Point, °F	: N/A
Melting Point, °F	: N/A
Vapor Pressure	: N/A
Vapor Density	: N/A
Volatile by Volume, %	: None
Evaporation Rate	: N/A
Appearance	: Soft grease
Color and Odor	: Dark silver with petroleum odor
Solubility in Water	: Insoluble
Specific Gravity	: 1.18

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (ASTM D92)	: 400 ⁰ F - (C.O.C)
Flammable Limits	: LEL – N/D UEL – N/D
Extinguishing Media	: Foam, CO ₂ foam, or dry chemical.
Special Fire Fighting Procedures	: Treat as oil fire; use self-contained breathing apparatus.
Unusual Fire and Explosion Hazards	: None.

SECTION V – REACTIVITY DATA

Stability	: Stable
Incompatibility	: Open flame, arc welding.
Polymerization	: Will not occur.
Thermal Decomposition	: Carbon Monoxide, Carbon Dioxide, and Metal Oxides.
Conditions to Avoid	: Do not heat above flash point.

SECTION VI – HEALTH HAZARD DATA

Carcinogens	: Suspected carcinogens present*.
Route of Entry	: Ingestion
Effects of Overexposure	: May cause irritation to eyes and skin on sensitive individuals.

EMERGENCY FIRST AID PROCEDURES:

Skin	: Wash with soap and water. See physician if irritation persists.
Eyes	: Flush with water for at least 15 minutes.
Inhalation	: Remove to fresh air. See physician if irritation persists.
Oral	: Call a physician. Do not induce vomiting. Keep warm.
Additional	: Prolonged or repeated contact may produce mild skin irritation and inflammation. Personnel with pre-existing skin disorder should avoid contact.

***IARC concluded that powdered Metallic Nickel is possibly carcinogenic to humans. Not carcinogenic by ingestion (NIOSH U.S.F.D.A.-GRAS)**

SECTION VII – ENVIRONMENTAL AND DISPOSAL INFORMATION

Action to be Taken For Spill/Leaks	: Stop flow, scrape, wipe, mop up, or absorb with diatomaceous earth or other inert material.
Disposal Method	: Disposal should be in compliance with federal state, and local laws.

SECTION VIII – SPECIAL PROTECTION INFORMATION

Respiratory Protection	: Normally not needed.
Gloves Protection	: Neoprene or nitrile rubber gloves recommended.
Eye Protection	: Approved safety glasses or goggles.
Other Protection	: Chemically resistant boots and apron recommended.
Work/Hygienic Practices	: Use standard methods.

SECTION IX – SPECIAL PRECAUTIONS/ADDITIONAL INFORMATION

Avoid storage near open flame or other sources of ignition. Spills may cause slippery floors. Proper footwear required. Remove contaminated clothing and launder before reuse. Wash hands with soap and water before eating, drinking, or smoking. Discard contaminated leather gloves and shoes.

SECTION X – HAZARD CODES

NFPA CODES:

Health Hazard	: 2
Flammability	: 1
Reactivity	: 0
Personal Protection	: C

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.