

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Nickel Anti-Seize
Product Number (s): SL35911, SL35913

Manufactured By: CRC Industries, Inc. (215) 674-4300
885 Louis Drive, Warminster, PA 18974
24-Hour Emergency Information: CHEMTREC (800) 424-9300

Section 2: Composition/Information on Ingredients

Component	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Nickel Powder	7440-02-0	1.5 mg/m3	1.0 mg/m3	NE	20-30
Petroleum Oils	64742-52-5 / 64742-57-0	NE	NE	NE	60-100
Nonhazardous blend	82980-54-9 / 7782-42-5	NE	NE	NE	10-20

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Silver semi-solid paste, petroleum odor.

Potential Health Effects:

Inhalation: Viscous nature may block breathing passages if inhaled
Eyes: Irritation
Skin: May irritate skin after prolonged contact
Ingestion: May cause diarrhea

Carcinogenicity: OSHA: Yes IARC: Nickel (2B) NTP: Yes
Chronic Overexposure: Prolonged exposure to skin may cause development of dermatitis.
Medical Conditions Aggravated by Exposure: NA

Section 4: First Aid Measures

Inhalation: Remove to fresh air. Give artificial respiration if necessary.
Eyes: Flush with large amounts of water for 15 minutes or until all residual material is gone.
Skin: Remove contaminated clothing and wash area with soap and water.
Ingestion: Wash out mouth immediately. Call a physician. Do not induce vomiting.

Section 5: Fire-Fighting Measures

Flashpoint: 430°F Method: COC LEL: 0.9% UEL: 7%
Extinguishing Media: Carbon dioxide, dry chemical, sand and foam
Hazardous Combustion Products: CO₂ and carbon monoxide (fire)
Fire-fighting Instructions: Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting. Water jet is not recommended.

NFPA: Health: 1 Flammability: 1 Reactivity: 0
HMIS: Health: 1 Flammability: 1 Reactivity: 0 PPE: B

Section 6: Accidental Release Measures

Spill/Leak Procedures: Area should be ventilated. Scrape up the bulk of the spill. Wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth. All used and unused product should be disposed of in accordance with federal, state and local regulations. Do not allow this material to enter drains.

Section 7: Handling and Storage

Handling Procedures: Wash hands after use and before handling food.

Storage Procedures: Store in a cool, dry area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

Respiratory: None required for normal use. Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus if above exposure limits. Follow OSHA regulations 29 CFR 1910.134.

Protective Clothing/Equipment: Wear chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs.

Section 9: Physical & Chemical Properties

Physical State:	Semi-solid paste	Appearance & Odor:	Silver, petroleum odor
Specific Gravity:	1.24	Boiling Point:	< 600°F
Freezing Point:	ND	Vapor Pressure:	< 0.01 kPa
Evaporation Rate:	< 0.01	Vapor Density (air = 1)	> 5
	(Butyl Acetate = 1)		
pH:	NA	Solubility:	Negligible in water
Volatile Organic Compounds %:	0	g/L: 0	lbs./gal: 0

Section 16: Additional Information

Prepared By: Michelle Milburn Date: November 12, 2004
Technical Information: (800) 521-3168 CRC #: SL35911

This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS:	Chemical Abstract Service	NA:	Not Applicable
ppm:	Parts per Million	ND:	Not Determined
TCC:	Tag Closed Cup	NE:	Not Established
LEL:	Lower Explosive Limit	g/L:	grams per Liter
UEL:	Upper Explosive Limit	lbs./gal:	pounds per gallon
PPE:	Personal Protection Equipment	RQ:	Reportable Quantity
COC:	Cleveland Closed Cup		