

# MATERIAL SAFETY DATA SHEET



ND INDUSTRIES , INC.  
1893 BARRETT ROAD  
TROY, MICHIGAN 48084  
(248) 288-0000 Fax: (248) 288-0022  
24 hr. EMERGENCY CHEMTREC:  
1-800-424-9300

PRODUCT: ND Anti-Seize 907A

MSDS ID: ND1042

DATE: 9/01/92 Updated: 11/1/00

PREPARED BY: Chemical Safety

SECTION I -Material Identification and Information H: 1 F: 1 R: 0 PPE: C

COMPONENTS	CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	
Mineral oil	AS-00-76	64741-88-4	60-70	5 mg/M3	5 mg/M3	as mist
Copper	AS-00-133	7440-50-8	10-15	1 mg/M3	1 mg/M3	as dust
Aluminum	AS-00-136	7429-90-5	5-10	15 mg/M3	15 mg/M3	as dust
Graphite	AS-00-135	7782-42-5	2-3	n.e.	2 mg/M3	as dust
Lithium soap	AS-00-75	4485-12-5	5-10	n.e.	n.e.	10 mg/M3 dust
Silica (amorphous, fumed)	AS-00-78	112945-52-5	3-5	n.e.	n.e.	6mg/M3 total dust

All ingredients are listed on the TSCA Inventory.

n.a.= not applicable / n.e.=not established

## SECTION II -Physical and Chemical Characteristics

**BOILING POINT:** Not determined  
**VAPOR DENSITY:** Not determined air = 1  
**VAPOR PRESSURE:** Not determined  
**MELTING POINT:** n.a.  
**SPECIFIC GRAVITY:** 1.06 water = 1  
**EVAPORATION RATE:** Not determined  
**WATER REACTIVE:** No  
**SOLUBILITY IN WATER:** Negligible  
**APPEARANCE AND ODOR:** Viscous gray grease with slight petroleum odor.

## SECTION III - Fire and Explosion Hazard Data

**FLASH POINT:** > 350°F COC  
**AUTOIGNITION TEMPERATURE:** Not determined  
**FLAMMABILITY LIMITS % IN AIR:** LEL: Not determined UEL: Not determined  
**EXTINGUISHER MEDIA:** Use carbon dioxide, foam, and/or dry chemical.

**SPECIAL FIREFIGHTING PROCEDURES:** Wear NIOSH self contained breathing apparatus with a full face piece operated in pressure-demand or other positive pressure mode when fighting fires. Cool fire exposed containers with water.

**UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID:** Potential toxic fumes upon combustion.

PRODUCT: ND Anti-Seize 907A

# MATERIAL SAFETY DATA SHEET

## SECTION IV - Reactivity Hazard Data

**STABILITY:** stable: **X** unstable:  
**HAZARDOUS POLYMERIZATION:** may occur: will not occur: **X**  
**CONDITIONS TO AVOID:** Avoid conditions exceeding 200°F.

**INCOMPATIBILITY:** None.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Potential toxic fumes upon combustion.

## SECTION V - Health Hazard Data

**PRIMARY ROUTES OF ENTRY:** INHALATION: **X** INGESTION: **X** SKIN ABSORPTION:

**EYE CONTACT:** Contact with eye may cause irritation.

**FIRST AID:** Flush with generous amounts of water for 15 minutes lifting both upper and lower eyelids occasionally. Get medical attention.

**SKIN CONTACT:** prolonged skin contact may cause irritation.

**FIRST AID:** Thoroughly wash exposed area with soap and water. Remove contaminated clothing. If irritation occurs, seek medical attention.

**INHALATION:** As provided not a likely hazard. Thermal decomposition can release toxic fumes.

**FIRST AID:** Remove individual to fresh air, seek medical attention.

**INGESTION:** Ingestion of this material could be harmful.

**FIRST AID:** Do not induce vomiting. Keep individual calm, get medical attention.

**CHRONIC EFFECTS:** Unknown

**Carcinogenic:** Not listed

## PRODUCT: ND Anti-Seize 907A

Component	Oral LD50	Dermal LD50	Inhalation LC50
Mineral Oil	not determined	not determined	not determined
Copper	not determined	not determined	not determined
Aluminum	not determined	not determined	not determined

# MATERIAL SAFETY DATA SHEET

Graphite  
Lithium Soap  
Silica (amorphous, fumed)

not determined  
not determined  
not determined

not determined  
not determined  
not determined

not determined  
not determined  
not determined

## SECTION VI - Control and Protective Measures

**RESPIRATORY PROTECTION:** Work in a well ventilated area.

**PROTECTIVE GLOVES:** Use vinyl or rubber.

**EYE PROTECTION:** Wear approved chemical safety glasses.

**VENTILATION TO BE USED:** LOCAL EXHAUST: **X** MECHANICAL: SPECIFIC:  
OTHER (specify):

**PROTECTIVE CLOTHING AND EQUIPMENT:** Wear impervious clothing to prevent repeated or prolonged skin contact.

**HYGIENIC WORK PRACTICES:** Practice good personal hygiene, and wash hands after using product.

## SECTION VII - Precautions for Safe Handling and Spill/Leak Procedures

### STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Absorb material on inert filler, vermiculite, floor absorb, or other absorbent material. Transfer to ventilated area and dispose of properly.

**WASTE DISPOSAL METHODS:** Dispose of material in accordance with local, state, and federal regulations.

**SAFE HANDLING AND STORAGE:** Wear impervious clothing to prevent prolonged, repeated exposure. Keep product container sealed when not in use. Containers of this product may be hazardous when emptied, since containers retain product residue. Observe all precautions.

### OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:

n.a.

**RECOMMENDED  
NFPA/HMIS  
RATING**

**HEALTH 1**

**FLAMMABILITY 1**

**REACTIVITY 0**

**PERSONAL  
PROTECTION C**

note: ratings may differ according to application, environment, and physical state.

**PRODUCT: ND Anti-Seize 907A**

### NOTES:

DOT Proper Shipping Name:  
not regulated by any means of transport unless determined to be a waste

# MATERIAL SAFETY DATA SHEET

## SECTION 313 SUPPLIER NOTIFICATION

Detaching this notification from the Material Safety Data Sheet is prohibited by law and any copying or distribution of same requires this attachment be included.

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>% BY WEIGHT</u>
7440-50-8	Copper	11

This product contains the following materials that under California Proposition 65 of the Safe Drinking Water and Toxic Enforcement Act of 1986 are recognized to cause cancer or reproductive toxicity.

<u>material</u>	<u>CAS #</u>	<u>Concentration</u> <u>%</u>	<u>cancer</u> <u>agent</u>	<u>Reproductive</u> <u>Toxin</u>	<u>cancer</u> <u>agent</u> & <u>Reproductive</u> <u>Toxin</u>
None					

The information contained herein is based on the data available to us and is believed to be correct. However, ND Industries®, Inc. makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their properties prior to use. Since conditions of use are beyond our control, all risks are assumed by the user.