



ANTI-SEIZE 2400

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard (29CFR 1910.1200)

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SECTION I – PRODUCT IDENTIFICATION

Product Name:	ANTI-SEIZE 2400	Proper Shipping Name:	Grease or Oil – N.O.S.
Product Number:	1002, 10022, 1083 A,B,C	Date Prepared:	02/22/2006
Product Description:	Anti-Seize Compound	Prepared By:	Paul Williams
Information Phone:	(800) 334-7071	24-Hour Emergency Phone:	(800) 255-3924

NFPA – HMIS CODES

Health	1	Flammability	1	Corrosive	0	Reactivity	1	Personal Protection	B
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SECTION II – MATERIAL IDENTIFICATION AND INFORMATION

Description	CAS Number	N.J. T.S.R.N.	SARA III List	OSHA PEL (ppm)	ACGIH TLV (ppm)	Wt %
(NON-HAZARDOUS) COMPONENTS						
Petroleum Oil	64742-54-7		NO			35-40
Graphite Powder	7782-42-5		NO			10-15
Aluminum Powder	7429-90-5		NO			1-5
Copper Powder	7440-50-8		NO			1-5
PROPRIETARY COMPONENTS						
		80100362-5002P	NO			1-5
		80100362-5003P	NO			1-5
		80100362-5008P	NO			35-40
		80100362-5004P	NO			1-5
		80100362-5014P	NO			1-5
		80100362-5018P	NO			0.5-1.0

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Evaporation Rate (n-Bu-Ac=1.0)	N/A
Vapor Pressure (psig @ 70°F)	N/A	Melting Point, °F	NONE
Vapor Density (Air=1.0)	N/A	Molecular Weight, Avg.	N/A
Specific Gravity (H2O=1 @ 75°F)	1.04	Viscosity, Typical (cp)	N/A
VOC (Grams/Liter @ 25°C – EPA Method 24)	NONE	Appearance	Soft Copper Tinted Grease
% Volatile by Volume	NONE	Odor	Petroleum
Total VOC %	NONE	Water Solubility (Wt %)	Insoluble

SECTION IV – FIRE & EXPLOSION HAZARD DATA

Flash Point (ASTM D92)	420°F (C.O.C.)
Auto Ignition Temperatures	N/A
Flammability Limits in Air	
Lower Explosive Limit Estimated	N/A
Upper Explosive Limit Estimated	N/A
Extinguishing Media	CO2, Dry Chemical or Foam
Unusual Fire Fighting Procedures	None known
Special Fire Fighting Procedures	Treat as an oil fire; use self contained breathing apparatus.



ANTI-SEIZE 2400

Page 2 of 2

SECTION V – HEALTH HAZARD DATA & EMERGENCY FIRST AID PROCEDURES

ENTRY ROUTES	INGESTION		
		ADVERSE/CHRONIC EFFECTS	FIRST AID PROCEDURES
EYES	May cause irritation on sensitive individuals.		Flush eyes with plenty of water using eyecup or fountain for at least 15 minutes while lifting upper and lower eyelids open to insure complete removal. Seek medical attention if irritation persists.
INGESTION	May cause nausea, diarrhea, and vomiting.		Call a physician. DO NOT INDUCE VOMITING. Keep warm.
INHALATION	May cause irritation.		Remove to fresh air. Seek medical attention if irritation persists.
SKIN	May cause irritation on sensitive individuals. Prolonged or repeated contact may produce mild skin irritation and inflammation.		Remove contaminated clothing. Wash exposed area thoroughly with soap and water. Seek medical attention if irritation persists.
CARCINOGEN	None	MEDICAL CONDITIONS TO AVOID	Pre-Existing skin disorders.

SECTION VI – REACTIVITY DATA

STABILITY	Stable – Do not heat above flash point.
HAZARDOUS POLYMERIZATION	Will not occur – No conditions known.
INCOMPATIBILITY	Strong oxidizing agents, welding.
HAZARDOUS DECOMPOSITION	Carbon Dioxide, Carbon Monoxide, Trace Metal Oxides and Sulfur Compounds.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING & USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED – Stop flow, scrape, wipe, mop-up, or absorb with diatomaceous earth or other inert material. Store in appropriate container for disposal.	
WASTE DISPOSAL	Dispose of in accordance with Federal, State and Local Regulations.
HANDLING & STORAGE	Avoid storage near open flame or other sources of ignition. Spills may cause slippery floors. Proper footwear required. Remove contaminated clothing and laundry before reuse. Discard contaminated leather gloves and shoes.
OTHER PRECAUTIONS	KEEP OUT OF REACH OF CHILDREN – Read and follow label directions. For Industrial/Institutional Use Only.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION	Not normally needed for use in accordance with label directions.
VENTILATION	Normal ventilation is usually adequate.
PROTECTIVE GLOVES	Neoprene or Nitrile rubber gloves recommended.
EYE PROTECTION	Approved safety glasses or goggles.
OTHER PROTECTIVE CLOTHING/EQUIPMENT	Chemically resistant boots and apron recommended.
WORK HYGIENIC PRACTICES	Employees must practice good personal hygiene; washing exposed areas of skin several times daily and before eating, drinking, smoking, using restroom and at end of work period. Remove contaminated clothing and laundry before reuse.

SECTION IX – TRANSPORTATION DATA

PROPER SHIPPING NAME	GREASE OR OIL – N.O.S.
DOT ID NUMBER	N/A
DOT HAZARD CLASS	NOT REGULATED

The information and recommendations set forth herein are presented in good faith and believed to be correct and reliable. RAMCO Specialty Products, Inc. makes no representation as to the completeness or accuracy thereof and supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use.

N/D = Not Determined

N/A = Not Applicable

< = Less Than

> - Greater Than

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