

MATERIAL SAFETY DATA SHEET

HMIS CODES:

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May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administrator
(Non-Mandatory Form)
Form Approved OMB No. 1218-0072

IDENTITY (AS USED ON LABEL AND LIST):

**NICKEL ANTI-SEIZE
LUBRICANT AND THREAD SEALANT** **NI**

NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name:
J.C. WHITLAM MANUFACTURING COMPANY

Emergency Telephone Number:
(330) 334 - 2524

Address (Number, Street, City, State, and ZIP Code):
200 WEST WALNUT STREET

Telephone Number for Information:
(330) 334 - 2524

P.O. BOX 380

Date Prepared: January 1, 2008

WADSWORTH, OHIO 44282-0380

Signature of Preparer (optional):

Section II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY: COMMON NAME(S))	OSHA PEL	ACGIH TLV	OTHER LIMITS Recommended	% (optional)
NICKEL DUST OR FUME [CAS#7740-02-0]	1 mg/m ³	1 mg/m ³	N/A	19.67%

Section III - Physical/Chemical Characteristics

Boiling Point:	N/A	Specific Gravity (H ₂ O = 1):	1.2
Vapor Pressure (mm Hg):	<.1 ESTIMATED	Melting Point:	N/A
Vapor Density (AIR = 1):	<.1 ESTIMATED	Evaporation Rate (Butyl Acetate = 1):	NO DATA

Solubility in Water: NOT WATER SOLUBLE

Appearance and Odor: NICKEL COLOR PASTE - PETROLEUM-LIKE ODOR.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): 450°F (COC)	Flammable Limits:	LEL: N/A	UEL: N/A
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Extinguishing Media: CO₂, FOAM, DRY CHEMICAL OR HALON.

Special Fire Fighting Procedures:
CAUTION SHOULD BE TAKEN WHEN USING WATER OR FOAM AS FROTHING MAY OCCUR, ESPECIALLY IF SPRAYED INTO CONTAINERS OF HOT BURNING LIQUID.

Unusual Fire and Explosion Hazards:
DENSE SMOKE MAY BE GENERATED WHEN BURNING. TOXIC VAPORS OR FUMES MAY FORM. FIREFIGHTERS SHOULD WEAR NIOSH/MSHA PRESSURE DEMAND, SELF-CONTAINED BREATHING APPARATUS.

Section V - Reactivity Data	NICKEL ANTI-SEIZE LUBRICANT AND THREAD SEALANT NI
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Stability:	Unstable:		Conditions to Avoid:
	Stable:	X	

Incompatibility (Materials to Avoid): STRONG OXIDIZING AGENTS SUCH AS STRONG ACIDS: AVOID AMMONIUM, PERCHLORATES.

Hazardous Decomposition or Byproducts: MAY INCLUDE CO₂, CO, NICKEL OXIDES AND OTHER UNIDENTIFIED ORGANIC OR INORGANIC COMPOUNDS.

Hazardous Polymerization:	May Occur:		Conditions to Avoid: UNDER SPECIAL CONDITIONS NICKEL CAN REACT WITH CARBON MONOXIDE IN REDUCING ATMOSPHERE TO FORM NICKEL CARBONYL.
	Will Not Occur:	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? NO	Skin? NO	Ingestion? NO
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Health Hazards (Acute and Chronic): THE NICKEL POWDER IN THIS COMPOUND IS CONTAINED IN A VEHICLE WHICH WILL PREVENT DUSTING FROM OCCURRING. ONCE THE VEHICLE HAS THERMALLY DECOMPOSED THE NICKEL POWDERS COULD DUST WHICH CAN BE HAZARDOUS.

Carcinogenicity:	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
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Signs and Symptoms of Exposure: INHALATION: DIZZINESS, DROWSINESS. SKIN: MAY CAUSE SKIN RASH. INGESTION: NAUSEA.

Medical Conditions Generally Aggravated by Exposure: POSSIBLE RESPIRATORY HAZARD. NICKEL OXIDES HAVE CAUSED TUMORS IN THE SITE OF INJECTIONS IN RODENTS. REPEATED CONTACT MAY CAUSE ALLERGIC SKIN RASHES.

Emergency and First Aid Procedures:
 INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS LABORED, ADMINISTER OXYGEN. CONSULT A PHYSICIAN.
 INGESTION: INDUCE VOMITING IF PERSON IS CONSCIOUS. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONSULT A PHYSICIAN. SKIN/WOUNDS: THOROUGHLY CLEANSE THE WOUND TO REMOVE ANY NICKEL PARTICLES. EYE CONTACT: IRRIGATE THE EYE WITH WATER FOR 15 MINUTES. CONSULT A PHYSICIAN.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:
 SMALL SPILLS MAY BE WIPED UP AND DISPOSED IN ACCORDANCE WITH STATE, LOCAL, AND FEDERAL REGULATIONS. LARGER SPILLS MAY BE RETURNED TO THE DRUM AND DISPOSED OF IN ACCORDANCE WITH STATE, LOCAL AND FEDERAL REGULATIONS.

Waste Disposal Method: DISPOSE IN ACCORDANCE WITH STATE, LOCAL, AND FEDERAL REGULATIONS. HAZARDOUS. DO NOT ALLOW THIS PRODUCT TO ENTER SEWERS OR WATERWAYS.

Precautions to Be Taken in Handling and Storing: DO NOT TRANSFER TO AN UNMARKED CONTAINER. STORE IN A CLOSED CONTAINER AWAY FROM HEAT, SPARKS, OPEN FLAMES OR OXIDIZING MATERIALS SUCH AS CONCENTRATED ACIDS.

Other Precautions: WASH THOROUGHLY AFTER USING THIS COMPOUND. KEEP OUT OF REACH OF CHILDREN. AVOID USING COMPRESSED AIR IN CLEANING OFF RESIDUE.

Section VIII - Control Measures

Respiratory Protection (Specify Type):
 NO PROTECTION NECESSARY UNLESS PRODUCT IS USED WHEN SERVICE TEMPERATURES EXCEED 500°F, THEN NIOSH APPROVED DUST RESPIRATOR SHOULD BE USED. MAINTAIN EXPOSURE BELOW THE PERMISSIBLE EXPOSURE LEVEL.

Ventilation:	Local Exhaust: SEE ABOVE	Special: N/A
	Mechanical (General): MECHANICAL EXHAUST IF COMPOUND IS USED UNDER CONDITIONS WHICH RESULTS IN HIGH CONCENTRATIONS OF THERMAL DECOMPOSITION VAPORS FROM THE VEHICLE BURNING OFF.	Other: N/A

Protective Gloves: VINYL GLOVES IF OPEN WOUNDS ON HANDS.	Eye Protection: WEAR PROTECTIVE GOGGLES WHERE NECESSARY.
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Other Protective Clothing or Equipment: N/A

Work/Hygienic Practices: DO NOT SMOKE, EAT, OR DRINK WHEN HANDLING THIS PRODUCT.