

**HOLDIT®****MATERIAL SAFETY DATA SHEET
HOLDIT NA500***Revised Date: June 2011*

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MODIFIED by HOLDTITE AUSTRALIA

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: HOLDIT NA500

Other Names: Nickel Antiseize

Use: High Temp Antiseize paste that lubricates and protects against seizing, galling and excessive wear.

Part Number: NA500 (500gr)

Supplier: Holdtite Australia Pty Ltd
Address: 21 Heath Street
Lonsdale, South Australia, 5160

Emergency Tel: +61 1300 552 680
Telephone: +61 8 8186 0844
Fax: +61 8 8186 0252

**Emergency Contact
Address:** See Above Address

Other Information: The information below is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This Company shall not be held liable for any damage resulting from handling or from contact with the above product.

SECTION 2. HAZARDOUS IDENTIFICATION

Classified as hazardous according to criteria of NOHSC

Risk Statement Warning – May cause allergic skin reaction. Particulates in the gel may cause eye irritation. Existing conditions of eye or skin disorders can be aggravated ALUAL by this product

Hazard Category: Harmful

UN Number:
DG Class:



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SECTION 3. COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Name	CAS No.	PERCENT. %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Mineral Oil	AS-05-76	64741-88-4	60-70	400ppm	5 mg/ m3 dust
Aluminum	AS-05-225	7429-90-5	<10		15 mg/m3 dust
Graphite	AS-05-134	7782-42-5	<10		2.5 mg/m3 dust
Lithium Soap	AS-05-75	4485-12-5	10-20		10 mg/m3 dust
Nickel	AS-05-137	7440-02-0	<10	1.0 mg/m3	1.0 mg/m3
Silica (amorphous, fumed)	AS-05-78	112945-52-5	<10	20 mppcf	10 mg/m3 dust

SECTION 4. FIRST AID MEASURES

Eye Contact	Flush with generous amounts of water for 15 minutes lifting both upper and lower eyelids occasionally. Get medical attention.
Skin Contact	Thoroughly wash exposed area with soap and water. Remove contaminated clothing. If irritation occurs, seek medical attention.
Ingestion	Remove individual to fresh air, seek medical attention.
Skin Contact	Drink two glasses of water and induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.
Chronic Effects:	Nickel is listed as carcinogenic by NTP, probably carcinogenic to humans by IARC, and recognised as a confirmed human carcinogen by ACGIH

SECTION 5. FIRE FIGHTING MEASURES

Flash Point:	>93°C	Auto Ignition Temperature:	Unknown
Flammability limits % in Air:	LEL:	UEL:	
Extinguisher Media:	Use carbon Dioxide, foam, and/or dry chemical		

Special Fire Fighting Procedures: Wear NIOSH self container 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 & Conditions to Avoid: Potential toxic fumes upon combustion.

RECOMMENDED NFA/HMIS RATING

Health 2 Flammability 1 Reactivity 1 Personal Protection C

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

SECTION 6. ACCIDENTIAL RELEASE MEASURES

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 & Storage:	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.



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SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Use only in well ventilated areas. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke in areas where this product is used or stored. Wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in the original container in a cool, well ventilated place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:	Work in a well ventilated area.
Protective Gloves:	Use vinyl or rubber gloves.
Eye Protection:	Wear approved chemical splash goggles.
Ventilation used:	Standard Exhaust.
Protective Clothing & Equipment:	Wear impervious clothing to prevent repeated or prolonged skin contact.
Hygienic Work Practices:	Practice good hygiene, and wash hands after using this product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	>260°C	VOC #/ gal:	
Vapour Density:	Unknown air=1	Density of Coating	
Vapour Pressure:	Unknown	Melting Point:	n.a
Specific Gravity:	1.06 water=1	Evaporation Rate:	Not determined
Water Reactive:	No	Solubility in water:	Nil
Appearance:	Viscous gray grease	Odour:	Slightly petroleum odour.

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable: x	Unstable:
Hazardous Polymerization:	May occur:	will not occur: x
Conditions to avoid:	Avoid conditions exceeding 93°C. nickel reacts with strong acids to form flammable and potentially explosive hydrogen gas.	
Incompatibility:	Avoid strong oxidizing reagents.	
Hazardous Decomposition Products:	Potential toxic fumes combustion.	

SECTION 11. TOXICOLOGY INFORMATION

Component	ORAL LD50	DERMAL LD50	INHALATION LC50
Mineral Oil	Not determined		
Aluminum			
Graphite			
Lithium Soap			
Nickel			
Silica (amorphous, fumed)			





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SECTION 12. ECOLOGICAL INFORMATION

This product can be harmful to aquatic organisms. Do not allow to contaminate waterways or soil.

SECTION 13. DISPOSAL CONSIDERATIONS

General Information Local and national regulations. This material and its container must be disposed of in a safe way.

SECTION 14. TRANSPORT INFORMATION

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

SECTION 15. REGULATORY INFORMATION

None Allocated

SECTION 16. OTHER INFORMATION

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

<u>CAS#</u>	<u>CHEMICAL NAME</u>	<u>% BY WEIGHT</u>
7440-02-0	Nickel	4.6

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>Cancer Agent</u>	<u>Reproductive Toxin</u>
Nickel	7440-02-0	4.6	X	

CONTACT POINT

Technical Contact

Number: Head Office Tel: 1300 552 680

End of MSDS