

## Section 1 Identification

Product Number:	C2156	Health:	3
Product Name:	Nickel Metal	Flammability:	0
Trade/Chemical Synonyms:		Reactivity:	0
Formula:	Ni	Hazard Rating:	
RTECS:	QR5950000	Least Slight Moderate High Extreme	0 1 2 3 4
C.A.S	CAS# 7440-02-0	NA = Not Applicable NE = Not Established	

## Section 2 Component Mixture

Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input type="checkbox"/>	Nickel Metal	CAS# 7440-02-0	100	W/W	OSHA TWA 1 mg/mf

## Section 3 Hazard Identification (Also see section 11)

May be fatal if inhaled, swallowed or absorbed thru the skin Avoid all contact. Use with adequate ventilation. Wash thoroughly after use. Keep container closed.

## Section 4 First Aid Measures

May be fatal if inhaled, swallowed or absorbed thru the skin Avoid all contact. Use with adequate ventilation. Wash thoroughly after use. Keep container closed.

FIRST AID: CALL A PHYSICIAN. SKIN: Remove contaminated clothing. Wash exposed area with soap and water.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

## Section 5 Fire Fighting Measures

Fire Extinguisher Type:	Use agents for metal, such as graphite
Fire/Explosion Hazards:	Dust at sufficient concentrations can form explosive mixtures with air.
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

## Section 6 Accidental Release Measures

Evacuate area. Wear self-contained breathing apparatus and protective clothing. Eliminate all sources of ignition.

## Section 7 Handling and Storage

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

## Section 8 Exposure Controls &amp; Personal Protection

Respiratory Protection: NIOSH/MSHA-approved respirator  
 Mechanical:  Hand NIOSH Approved  
 Protection: Gloves  
 Ventilation:  Local Exhaust:  Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

## Section 9 Physical and Chemical Properties

Melting Point:	1455° C	Specific Gravity	8.9
Boiling Point:	2732° C	Percent Volatile by Volume:	N/A
Vapor Pressure:	1 @ 1810° C	Evaporation Rate:	N/A
Vapor Density:	N/A	Evaporation Standard:	
Solubility in Water:	Insoluble	Auto ignition Temperature:	Not applicable
Appearance and Odor:	Silvery white metallic powder	Lower Flamm. Limit in Air:	Not applicable
Flash Point:	N/A	Upper Flamm. Limit in Air:	Not applicable

## Section 10 Stability and Reactivity Information

Stability: Stable Conditions to Avoid: Avoid contact with incompatible materials.

Materials to Avoid: mineral acids, strong oxidizers  
 Hazardous Decomposition Products: Hydrogen gas  
 Hazardous Polymerization: Will Not Occur  
 Condition to Avoid: None known

## Section 11 Additional Information

Dust may irritate eyes skin and respiratory tract. Conditions aggravated: Athsma, emphysema, etc. Persons with pre-existing eye, skin or respiratory conditions may be more susceptible.

DOT Classification: Not Regulated

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.  
 Revision No:0 Date Entered: 9/1/2006 Approved by: WPF