

# Safety Data Sheet

## Section 1 - Chemical Identification

Product Name: Nickel Boat liners  
Catalog Numbers: CI-1343  
SDS number : 21  
Intended use: Laboratory use

**Company** Crossings, Inc.  
3648 S. Folsom  
Lincoln, NE 68522  
402-435-7942

**Website:** [www.crossingsinc.com](http://www.crossingsinc.com)  
**Email:** info@crossingsinc.com  
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ChemTel: 800-255-3924

## Section 2 - Hazards Identification

**Classification:** Health

Sensitization, skin  
Carcinogenicity

Category 1

Category 2



**Label:**

**Signal Word:** **Warning**

**Hazard Statement:** May cause an allergic skin reaction. Suspected of causing cancer.

**Precautionary**

**Statement:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection. If skin irritation or rash occurs: Get medical advice/attention.

Store in a dry place. Store in a closed container. Protect from sunlight. Store in a well ventilated place.

Dispose of contents/container in accordance with federal/state/local regulations.

**Other Hazards:** None

## Section 3 - Composition, Information on Ingredients

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS#</u>	<u>%/W</u>
Nickel, NI		7440-20-0	>99.5

## Section 4 - First Aid Measures

**Call a doctor if you feel unwell.**

**EYES:** Flush eyes with plenty of water. **If eye irritation persists:** Seek medical aid.

**SKIN:** Wash skin with plenty of water. Seek medical aid if irritation develops or persists.

**INGESTION:** Wash out mouth. Do not induce vomiting unless suggested by a doctor. Seek medical aid.

**INHALATION:** Remove to fresh air immediately. Seek medical aid.

## Section 5 - Fire Fighting Measures

**Suitable Extinguishing Media:** Use media appropriate for surrounding materials.

**Unsuitable Extinguishing Media:** Not available

**Fire Hazards Arising from Chemical:** Aluminum oxides and Platinum oxides can be released during a fire.

**Specific Methods:** Firefighters use fully protective impervious suit and self-contained respirator.

### **Section 6 - Accidental Release Measures**

**Personal Precautions:** No special precautions are necessary.

**Recovery method:** Pickup mechanically or by sweeping. Dispose of material in according to local, state and federal regulations.

### **Section 7: Handling and Storage**

**Handling:** Keep container closed when not in use. Observe good hygiene practices.

**Storage:** Keep container closed when not in use- store in a clean dry and well ventilated area.

See section 10 for conditions to avoid during storage.

### **Section 8 - Exposure Controls, Personal Protection**

CAS#	Chemical Name	Form	OSHA PEL(mg/m3)	ACGIH TLV(mg/m3)	NIOSH TWA(mg/m3)
7440-02-0	Nickel		1	-	-
7440-02-0	Nickel	Inhalable fraction	-	1.5	-
7440-02-0	Nickel			-	0.015

**Controls:** Use adequate ventilation to keep airborne concentrations below the permissible exposure limits.

**Eye and Face Protection:** Wear appropriate protective eyeglasses or chemical safety goggles.

**Skin:** Wear appropriate quality gloves.

**Clothing:** Wear protective clothing. Do not remove dust from clothing by blowing or shaking.

**Respirators:** Do not breathe dust/fumes/gas/mist/vapors/spray...

**General Hygiene:** Wash hands after handling and before handling any food or drink.

### **SECTION 9 - Physical and Chemical Properties**

**Physical state:** Solid

**Appearance:** metallic, silver

**Odor:** None

**PH:** Not available.

**Vapor pressure:** N/A

**Vapor density:** N/A

**Evaporation rate:** N/A.

**Viscosity:** not available.

**Melting point:** 1455°C (2651°F)

**Freezing point:** N/A

**Decomposition temperature:** N/A.

**Solubility in water:** Insoluble

### **Section 10 - Stability and Reactivity**

**Stability:** Stable under normal temperature and pressure conditions.

**Conditions to avoid:** None under normal conditions.

**Hazardous Decomposition:** Not available.

**Incompatible materials:** Not available

## Section 11 - Toxicological Information

### Toxicological effects

**Acute toxicity:** No data available.

**Skin corrosion/irritation:** Not available.

**Serious eye damage/eye irritation:** Not available.

**Respiratory sensitization:** No data available.

**Skin sensitization:** May cause an allergic skin reaction.

**Germ cell mutagenicity:** No data available.

**Carcinogenicity:** Suspected of causing cancer.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** Not listed.

**IAOC Monographs Overall Evaluation, Nickel(CAS 7440-02-0)** 2B possibility carcinogenic to humans

**US National Toxicology Program (NTP), Nickel(CAS 7440-02-0)** Reasonably Anticipated to be Human Carcinogen

**Reproductive toxicity:** No data available.

**Specific target organ toxicity - single exposure:** No classified.

**Specific target organ toxicity - repeated exposure:** No classified

**Aspiration hazard:** Not available.

**Chronic effects:** Prolonged inhalation may be harmful.

## Section 12 - Ecological Information

**Eco-toxicity:** No data

**Mobility in soil:** No data.

**Persistence and Degradability:** No data

**Bio-accumulative Potential:** No data.

## Section 13 - Disposal Considerations

Dispose of according to applicable federal, state and local regulation.

## Section 14 - Transport Information

DOT - Not regulated as dangerous goods.

IATA - Not regulated as dangerous goods.

IMDG - Not regulated as dangerous goods.

## Section 15 - Regulatory Information

**TSCA 12(b), Export Notification:** Not listed.

**CERCLA Hazardous Substance list (40 CFR 302.4):** Nickel (CAS 7440-02-0) Listed

**SARA 313 Title III Section 302:** Not listed

**SARA 313 Title III Section 304:** Not regulated

**SARA 313 Title III Section 311/312:** Not chemical

**SARA 313 Title III Section 313: (TRI reporting)**

<u>Chemical Name</u>	<u>CAS#</u>	<u>%/W</u>
Nickel, Ni	7440-02-0	> 99.5

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):** Not listed

**Canadian DSL:** Yes

**Canadian NDSL:** No

**State Regulations:** California Proposition 65: Warning - This material contains a chemical known to the State of California to cause cancer. Nickel, Ni (CAS 7440-020-0), Listed: October 1, 1989

## **Section 16 – OTHER INFORMATION**

HMIS<sup>®</sup> ratings: Health(chronic): 2 Flammability: 0 Physical Hazard: 0

NFPA ratings: Health: 2 Flammability: 0 Instability: 0

The information provided in the SDS is believed to be correct to the best of our knowledge and is attended only as guidance for the safe use, storage and disposal of the product. Crossings Inc, cannot assure the accuracy of the information provided and shall not be responsible or liable for any damage or loses resulting from use.

Date: November 10, 2015