

# MATERIAL SAFETY DATA SHEET

HAZARD RATINGS HMIS

**BOSTIK FINDLEY**

Health 2  
Flammability 1  
Reactivity 0  
PPE X

## 1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Product Name** V067340  
**MSDS Name** NEV-SZ NICKEL NSN165 1  
**CAS Number** Mixture  
**Generic Description** Miscellaneous  
**Manufacturer** BOSTIK FINDLEY, INC.  
211 Boston Street  
Middleton , MA 01949 USA

### 24 Hour Emergency Assistance

Phone: 1-800-227-0332

### General Assistance

Phone: 1-978-777-0100

### MSDS Assistance

Phone: 1-978-777-0100

## 2 COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Percentage
NICKEL	7440-02-0	10 - 30
Non-hazardous and other ingredients below reportable levels	Proprietary	Balance

## 3 HAZARDS IDENTIFICATION

### Emergency Overview

Extended contact with this material may cause irritation to the skin, eyes, and mucous membranes. Primary Routes of Exposure: eyes, skin, and inhalation. Irritating fumes and gases may be released upon thermal processing or during combustion.

### POTENTIAL HEALTH EFFECTS

**SKIN CONTACT:** This product may cause irritation to the skin. Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis. Prolonged contact with this product may cause allergic skin sensitization reactions.

**EYE CONTACT:** This product may cause irritation to the eyes.

**INHALATION:** Fumes released during thermal processing may irritate respiratory system, skin and eyes.

**INGESTION:** Ingestion may cause gastrointestinal tract discomfort or damage.

### Target Organs

Skin.

## 4 FIRST AID MEASURES

### **Skin**

For minor exposures, wash thoroughly with soap and clean water. In situations involving considerable skin contact, place the contaminated person in a deluge shower for at least 15 minutes. Remove contaminated clothing to prevent further skin exposure and dispose of properly. Get medical attention if irritation persists.

### **Eye**

Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.

### **Inhalation**

Move person to non-contaminated air. If the affected person is not breathing, apply artificial respiration. Seek medical attention.

### **Ingestion**

Do not induce vomiting. If person is conscious and can swallow, immediately give two glasses of water. Seek immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.

### **Medical Conditions Aggravated By Exposure**

Dermatitis.

### **Notes To Physician**

Treat symptomatically and supportively. Contact Bostik Findley to determine whether any additional information is available.

## 5 FIRE FIGHTING MEASURES

### **Extinguishing Media**

Use dry chemical, carbon dioxide, or foam. Water spray (fog).

### **Dust Explosion Hazard**

None Known

### **Sensitivity To Mechanical Impact**

None Known

### **Sensitivity To Static Discharge**

None Known

### **Unusual Fire & Explosion Hazards**

Product may burn and produce toxic gases in a fire.

### **Fire Fighting Equipment/Instructions**

Firefighters should wear full protective clothing including self contained breathing apparatus.

**Flash Point** > 482 F (> 250 C)

## 6 ACCIDENTAL RELEASE MEASURES

### Emergency Action

Appropriate safety measures and protective equipment should be used. See Section 8. Do not discharge to lakes, streams, ponds, or sewers. Dispose of in compliance with local, state, and federal regulations.

### Spill Or Leak Procedure

Scrape up grease and deposit into appropriate containers for disposal.

## 7 HANDLING & STORAGE

### Storage

Keep the container tightly closed and in a cool, well-ventilated place.

### Empty Container Precaution

Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption, or where skin contact can occur.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering Controls

Ventilation is not normally required.

### Eye Protection

Wear safety glasses with side shields.

### Skin And Body Protection

Wear protective impervious gloves to minimize skin exposure. Work clothing sufficient to prevent all skin contact should be worn, such as coveralls and long sleeves.

### Respiratory Protection

Not normally needed.

### Exposure Limits

#### ACGIH - Occupational Exposure Limits - TWAs

NICKEL	7440-02-0	1.5 mg/m <sup>3</sup> TWA (inhalable fraction)
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#### OSHA - Vacated PELs - Time Weighted Averages

NICKEL	7440-02-0	1 mg/m <sup>3</sup> TWA
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## 9 PHYSICAL & CHEMICAL PROPERTIES

<b>Solubility In Water</b>	0.1 %
<b>Target Solids</b>	100 %
<b>Density</b>	1.3 g/cc
<b>Odor Threshold</b>	NA
<b>Octanol/Water Coefficient</b>	NA

<b>Odor</b>	GREASELIKE
<b>Color</b>	GRAYISH BLACK
<b>Physical State</b>	Paste
<b>Freeze Protect</b>	No

## 10 STABILITY & REACTIVITY

### Stability/Incompatibility

Stable under normal conditions.

### Hazardous Reactions/Decomposition Products

If product is burned hazardous gases such as oxides of carbon and nitrogen and various hydrocarbons may be produced.

### Hazardous Polymerization

Will not occur.

### Conditions To Avoid

Avoid contact with Strong Oxidizers and Strong Acids.

## 11 TOXICOLOGICAL INFORMATION

### Chronic Effects

Chronic overexposure to the hazardous materials in this product has been associated with dermatitis.

### Carcinogenicity

#### IARC - Group 1 (carcinogenic to humans)

NICKEL 7440-02-0 Monograph 49, 1990; (Evaluated as a group)

#### IARC - Group 2B (Possibly carcinogenic to humans)

NICKEL 7440-02-0 Monograph 49, 1990

#### NTP - Report on Carcinogens - Suspect Carcinogens

NICKEL 7440-02-0 Suspect Carcinogen; (under Nickel and Certain Nickel Compounds)

#### OSHA - Possible Select Carcinogens

NICKEL 7440-02-0 Present

#### OSHA - Select Carcinogens

NICKEL 7440-02-0 Present

## 12 ECOLOGICAL INFORMATION

**VOC (Volatile Organic Compounds)** 0 lbs/gal

### Ecotoxicological Information

No data available for this product.

## 13 DISPOSAL CONSIDERATIONS

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

## Waste Disposal

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Be aware that State and Local requirements may differ widely depending on location and may in many cases be different from Federal rules.

## 14 TRANSPORT INFORMATION

### Comments

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

Proper Shipping Name    Non-Regulated  
DOT Restrictions        Not Applicable

## 15 REGULATORY INFORMATION

This MSDS is prepared and distributed pursuant to the Federal Hazard Communication Standard, 29 CFR 1910.1200.

### Federal Regulations

All components are on the U.S. EPA TSCA Inventory List.

### CERCLA/SARA - Hazardous Substances and their Reportable Quantities

NICKEL	7440-02-0	100 lb final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is equal to or exceeds 0.004 inches); 45.4 kg final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is equal to or exceeds 0.004 inches)
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Based on an evaluation of the components used, this product does contain hazardous ingredients identified as per 29 CFR 1910.1200.

### State Regulations

If this product contains any ingredients listed under California Proposition 65, they will be noted below:

### California - Prop. 65 - Cancer list

NICKEL	7440-02-0	carcinogen; initial date 10/1/89
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### International Regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and contains all the information required by the Controlled Products Regulations.

This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS). Class D Division 2 Sub-division B. and Class D Division 2 Sub-division A

### SARA 302 EXTREMELY HAZARDOUS SUBSTANCES

Not Regulated

**SARA 311/312 HAZARD CATEGORIES**

Immediate Hazard	No
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No

**SARA 313 TOXIC CHEMICALS**

Component	CAS Number	Percentage
NICKEL	7440-02-0	10 - 30

**16 OTHER INFORMATION****Disclaimer**

The data in this MSDS has been compiled from publicly available sources. This data relates only to the designated product and not to the use of said product in combination with other materials. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Responsibility for proper precautions and safe use of the product lies with the user. All data in this MSDS is typical of the product as a whole, and does not represent any individual lot or batch, therefore, Bostik Findley, Inc. makes no warranty about the accuracy of the data herein and assumes no liability for the use of such data. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

<b>Issue Date</b>	24-Apr-2003	<b>Supersedes</b>	06-Nov-2001
<b>Prepared By</b>	Richard Sontag		

**MSDS Sections Reviewed and/or Updated**

Composition / Information on Ingredients: Ingredients  
 Composition / Information on Ingredients: List of Ingredients  
 Physical & Chemical Properties: Physical & Chemical Properties  
 Regulatory Information: Regulatory Ratings