



## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Product name** Never-Seez Petro-Chem Series  
**Product name(s) covered** See Section 16 for Product Names Covered.  
**MSDS name** Never-Seez Petro-Chem Product Series  
**CAS number** Mixture  
**Generic description** Stainless Steel Powder Filled Grease  
**Manufacturer** Bostik, Inc.  
211 Boston Street  
Middleton, MA 01949 USA  
**24 hour emergency assistance** Telephone: 1-800-227-0332  
**General assistance** Telephone: 1-978-777-0100  
**MSDS assistance** Telephone: 1-414-607-1347

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Component(s)	CAS #	Percent
Aluminum	7429-90-5	1 - 5
Chromium	7440-47-3	1 - 5
Nickel	7440-02-0	1 - 5

### 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** This product may cause irritation to the skin. Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

**Eyes** 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.

### 4. FIRST AID MEASURES

**First aid**

**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.

**Notes to physician** Treat symptomatically and supportively. Contact Bostik to determine whether any additional information is available.

**Medical conditions aggravated by exposure** Dermatitis.

## 5. FIRE FIGHTING MEASURES

<b>Hazardous combustion products</b>	Hazardous gases produced in a fire may include oxides of nickel, carbon and nitrogen and various hydrocarbons.
<b>Extinguishing media</b>	Use dry chemical, carbon dioxide, or foam. Water spray (fog).
<b>Dust explosion hazard</b>	None Known
<b>Sensitivity to mechanical impact</b>	None Known
<b>Sensitivity to static discharge</b>	None Known
<b>Unusual fire &amp; explosion hazards</b>	Product may burn and produce toxic gases in a fire.
<b>Fire fighting equipment/instructions</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Flash point</b>	475 °F (246.1 °C)

## 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency action</b>	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.
<b>Spill or leak procedure</b>	Scrape up grease and deposit into appropriate containers for disposal.
<b>Reporting</b>	See Federal reporting requirements listed in Section 15. We recommend you contact local authorities to determine if there may be other local reporting requirements.

## 7. HANDLING & STORAGE

<b>Handling</b>	Wear appropriate protective equipment to avoid contact with skin and eyes. See Section 8.
<b>Storage</b>	Store in a clean, dry area. Keep containers closed.
<b>Empty container precaution</b>	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

<b>Engineering controls</b>	Ventilation is not normally required.
<b>Eye protection</b>	Wear safety glasses with side shields.
<b>Skin and body protection</b>	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.
<b>Respiratory protection</b>	Not normally needed. Special applications may necessitate the use of more stringent respiratory protection equipment. When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved respiratory protection must be provided.

### Exposure limits

#### ACGIH - Threshold Limits Values - Time Weighted Averages (TLV-TWA)

Aluminum	7429-90-5	<u>10 mg/m3 TWA (metal dust)</u>
Chromium	7440-47-3	<u>0.5 mg/m3 TWA</u>
Nickel	7440-02-0	<u>1.5 mg/m3 TWA (inhalable fraction)</u>

#### NIOSH - Pocket Guide - TWAs

Aluminum	7429-90-5	<u>10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)</u>
Chromium	7440-47-3	<u>0.5 mg/m3 TWA</u>
Nickel	7440-02-0	<u>0.015 mg/m3 TWA</u>

#### OSHA - Final PELs - Time Weighted Averages (TWAs)

Aluminum	7429-90-5	<u>15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)</u>
Chromium	7440-47-3	<u>1 mg/m3 TWA</u>
Nickel	7440-02-0	<u>1 mg/m3 TWA</u>

#### OSHA - Vacated PELs - TWAs

Aluminum	7429-90-5	<u>15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)</u>
Chromium	7440-47-3	<u>1 mg/m3 TWA</u>
Nickel	7440-02-0	<u>1 mg/m3 TWA</u>

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Target solids</b>	100 %
----------------------	-------

Density	1.25 g/cc
Odor	Grease
Color	Silver / Gray
Physical state	Paste
Freeze protect	No
VOC (Volatile Organic Compounds)	0 %

## 10. STABILITY & REACTIVITY

<b>Hazardous reactions/decomposition products</b>	If product is burned hazardous gases such as oxides of nickel, carbon and nitrogen and various hydrocarbons may be produced.
<b>Hazardous polymerization</b>	Will not occur.
<b>Materials to avoid</b>	Avoid contact with Strong Oxidizers and Strong Acids.
<b>Stability</b>	Stable under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

**Toxicological data** If any toxicological data is available, it will be listed below:

### LD50

#### Toxicology Data - Selected LD50s and LC50s

Nickel 7440-02-0 [Oral LD50 Rat: >9000 mg/kg](#)

**Chronic effects** Chronic overexposure to the hazardous materials in this product has been associated with skin sensitization and dermatitis.

**Carcinogenicity** If this product contains any carcinogens, they will be noted below:

#### 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 \[1990\], Supplement 7 \[1987\]](#)

#### NIOSH - Pocket Guide - Potential Occupational Carcinogens

Nickel 7440-02-0 [potential occupational carcinogen](#)

#### NTP (National Toxicology Program) - Report on Carcinogens - Known Carcinogens

Nickel 7440-02-0 [Known Carcinogen](#)

#### NTP (National Toxicology Program) - Report on Carcinogens - Reasonably Anticipated to be Human Carcinogens

Nickel 7440-02-0 [Reasonably Anticipated To Be A Carcinogen](#)

#### OSHA - Hazard Communication Carcinogens

Nickel 7440-02-0 [Present](#)

## 12. ECOLOGICAL INFORMATION

**Ecotoxicological information** No data available for this product.

## 13. DISPOSAL CONSIDERATIONS

It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable local, state and federal regulations.

**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

### Department of Transportation (DOT) Requirements

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

## 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

Chromium	7440-47-3	<u>5000 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); 2270 kg final RQ (no reporting of releases of this hazardous material is required if the diameter of the pieces of the solid metal released is equal to or exceeds 0.004 inches)</u>
Nickel	7440-02-0	<u>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)</u>

### CERCLA/SARA - Section 313 - Emission Reporting

Aluminum	7429-90-5	<u>1.0 % de minimis concentration (dust or fume only)</u>
Chromium	7440-47-3	<u>1.0 % de minimis concentration</u>
Nickel	7440-02-0	<u>0.1 % de minimis concentration</u>

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

#### California - Proposition 65 - Carcinogens List

Nickel 7440-02-0 carcinogen, initial date 10/1/89

#### California - Proposition 65 - Developmental Toxicity

Lithium carbonate 554-13-2 developmental toxicity, initial date 1/1/91

**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. Some of the components of this product are not currently included on the Canadian Domestic Substance List (DSL), therefore, this product is only available in Canada for Research and Development purposes.

### HMIS Ratings

Health: 2\*  
Flammability: 1  
Physical hazard: 0  
Personal protection: X

### SARA 311/312 HAZARD CATEGORIES

Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

### WHMIS status

### WHMIS labeling



### WHMIS classification

D2A - Other Toxic Effects-VERY TOXIC  
D2B - Other Toxic Effects-TOXIC

## 16. OTHER INFORMATION

**Product name(s) covered**  
V684016 - NEV-SZ PETRO-CHEM NSPC-16 12/C  
V684042 - NEV-SZ PETRO-CHEM NSPC-42LB PL  
V684080 - NEV-SZ PETRO-CHEM NSPC-8 12/CS

### 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, 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.

### Issue date

04-APR-07

Prepared by

Pam Larsen