



Health 1  
 Flammability 1  
 Reactivity 0  
 PPE X

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Product Name** V674210  
**MSDS Name** NEV-SZ BLACK MOLY NSB150 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
MOLYBDENUM (IV) SULFIDE	1317-33-5	10 - 30
Zinc Oxide	1314-13-2	5 - 10
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.

**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

Store in a clean, dry area. Keep containers closed.

### 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

MOLYBDENUM (IV) SULFIDE	1317-33-5	10 mg/m <sup>3</sup> TWA (inhalable fraction); 3 mg/m <sup>3</sup> TWA (respirable fraction)
ZINC OXIDE	1314-13-2	5 mg/m <sup>3</sup> TWA (fume); 10 mg/m <sup>3</sup> TWA (dust)

#### OSHA - Vacated PELs - Time Weighted Averages

MOLYBDENUM (IV) SULFIDE	1317-33-5	10 mg/m <sup>3</sup> TWA
ZINC OXIDE	1314-13-2	5 mg/m <sup>3</sup> TWA (fume); 10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)

## 9 PHYSICAL & CHEMICAL PROPERTIES

<b>Solubility In Water</b>	0.1 %
<b>Target Solids</b>	100 %
<b>Density</b>	1.25 g/cc
<b>Odor Threshold</b>	NA

<b>Octanol/Water Coefficient</b>	NA
<b>Odor</b>	BLACK GREASE
<b>Color</b>	BLUE GRAY
<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

### Ld50

### NIOSH - Selected LD50s and LC50s

ZINC OXIDE	1314-13-2	Inhalation LC50 Mouse: 2500 mg/m3; Oral LD50 Mouse: 7950 mg/kg
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### Chronic Effects

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

## 12 ECOLOGICAL INFORMATION

### 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.



## 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.

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### MSDS Sections Reviewed and/or Updated

Composition / Information on Ingredients