



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product name Never-Seez Regular Grade Cmpd.
Product name(s) covered V047740 - NEV-SZ REG NS40 1/4LB CAN
V048740 - NEV-SZ REG NS160 1LB CAN
V048741 - NEV-SZ NSKBK-160 REG 1LB CAN
V052240 - NEV-SZ REG NS164 4LB CAN
V052440 - NEV-SZ REG NS168 8LB CAN
V054350 - NEV-SZ REG NS42B 42LB PL
V056440 - NEV-SZ REG NSB16 1LB BT CAN
V057640 - NEV-SZ REG NSBT8 8OZ BT CAN
V057740 - NEV-SZ REG NSBT16 1LB BT CAN
V057840 - NEV-SZ REG NSC1 1LB CTG
V057940 - NEV-SZ REG NS10 1OZ TUBE
V058240 - NEV-SZ REG NSB4 1/4LB TUBE
V058650 - NEV-SZ REG NS130B 130LB DR
V059052 - NEV-SZ REG NS425B 425LB DR
V166252 - NEV-SZ REG NS425B W/LINER
V332731 - NEV-SZ REG 7.5GR PP
V435703 - NEV-SZ REG NSBT4 STD LBL

MSDS name Never-Seez Regular Grade Compound
CAS number Mixture
Generic description Miscellaneous
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: 1-414-607-1407

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component(s)	CAS #	Percent
Copper Powder	7440-50-8	7 - 13
Zinc oxide	1314-13-2	3 - 7
Graphite	7782-42-5	10 - 30
Aluminum	7429-90-5	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 SKIN CONTACT: This product may cause irritation to the skin. Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

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

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

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

Target organs Skin.

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

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

Aluminum	7429-90-5	<u>10 mg/m3 TWA (metal dust)</u>
Copper Powder	7440-50-8	<u>0.2 mg/m3 TWA (fume); 1 mg/m3 TWA (dusts and mists, as Cu)</u>
Graphite	7782-42-5	<u>2 mg/m3 TWA (respirable fraction, all forms except graphite fibers)</u>
Zinc oxide	1314-13-2	<u>2 mg/m3 TWA (respirable fraction)</u>

OSHA - Vacated PELs - TWAs

Aluminum	7429-90-5	<u>15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)</u>
Copper Powder	7440-50-8	<u>0.1 mg/m3 TWA (fume, dusts, mists as Cu)</u>
Graphite	7782-42-5	<u>2.5 mg/m3 TWA (respirable dust)</u>
Zinc oxide	1314-13-2	<u>5 mg/m3 TWA (fume); 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)</u>

Hand protection

We recommend the use of neoprene gloves (5.9 mils or greater) during the application of this product.

9. PHYSICAL & CHEMICAL PROPERTIES

Target solids	100 %
Density	1.21 g/cc
Odor threshold	NA
Octanol/H2O coeff	NA
Odor	Greaselike
Color	Silvery Gray
Physical state	Paste
Freeze protect	No
VOC (Volatile Organic Compounds)	0 g/l

10. STABILITY & REACTIVITY

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.
Stability	Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

LD50

Toxicology Data - Selected LD50s and LD50s

Zinc oxide	1314-13-2	<u>Oral LD50 Mouse: 7950 mg/kg</u>
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Chronic effects	Chronic overexposure to the hazardous materials in this product has been associated with dermatitis.
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12. ECOLOGICAL INFORMATION

VOC (Volatile Organic Compounds)	0 g/l
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.
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14. TRANSPORT INFORMATION

DOT

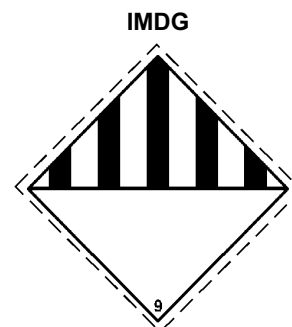
This product is not regulated for transport.

IATA

This product is not regulated for transport.

IMDG

Proper shipping name	Environmentally Hazardous Substance, Liquid, N.O.S. (Contains copper metal powder)
Hazard class	9
UN number	UN3082
Packaging group	III



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

Copper Powder	7440-50-8	<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 substance is required if the diameter of the pieces of the solid metal released is equal to or exceeds 0.004 inches)</u>
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CERCLA/SARA - Section 313 - Emission Reporting

Aluminum	7429-90-5	<u>1.0 % de minimis concentration (dust or fume only)</u>
Copper Powder	7440-50-8	<u>1.0 % 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 - Developmental Toxicity

Lithium carbonate	554-13-2	<u>developmental toxicity, initial date 1/1/91</u>
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International regulations All components are included on the Canadian Domestic Substances List (DSL).

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.

HMIS Ratings

Health: 1
Flammability: 1
Physical hazard: 0
Personal protection: X

SARA 311/312 HAZARD CATEGORIES

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

WHMIS status

Non-controlled

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, 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

07/19/2005

Prepared by
Supersedes
MSDS sections updated

Michael Simon
05/16/2005
Exposure Controls / Personal Protection: Hand Protection