SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS NUMBER: 047740  
PRODUCT NAME: NEVER-SEEZ REGULAR GRADE  
CHEMICAL FAMILY: Anti-Seize Compound/Lubricant  

COMPANY: EMERGENCY RESPONSE NUMBERS:
Bostik Inc. Transportation:  
211 Boston St. In case of emergency, Call:  
Middleton, MA 01949 800-227-0332  
Product Safety and Environmental:  
978-777-0100

SECTION 2 - INGREDIENT AND EXPOSURE LIMIT INFORMATION

COMPONENT CAS NUMBER WT PERCENT* OEL** OSHA PEL  
COPPER POWDER 7440-50-8 5 to 10% 1.0 mg/m3 1.0 mg/m3  
ZINC OXIDE 1314-13-2 1 to 5% 5.0 mg/m3 10 mg/m3

* If the total percentage is less than 100, the balance of this product is not considered to be hazardous as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

** The Bostik recommended Occupational Exposure Limit (OEL) value represents the lower of the US OSHA PEL, ACGIH TLV, or Manufacturer's Recommended Limit.

N/A = Not Available, N/D = Not Determined

SECTION 3 - HAZARDS IDENTIFICATION

POTENTIAL HEALTH CONSIDERATIONS

HMIS HAZARD RATING  
Health: 1  
Flammability: 1  
Reactivity: 0  
Protection: B

Note: Numeric Hazard Ratings are intended only to indicate the relative hazard of the product. Users must read and understand the entire Material Safety Data Sheet prior to use of this product.

CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) CLASS --
LIKELY ROUTES OF ENTRY
Contact.

TARGET ORGANS
None known to Bostik.

POTENTIAL IMMEDIATE EFFECTS FROM OVEREXPOSURE

CONTACT, SKIN and EYE
Product is not expected to be an eye or skin irritant. However, contact may cause irritation in susceptible individuals.

SKIN ABSORPTION
No hazard known at this time.

INHALATION
Product is non-volatile. However, if heated may be irritating to upper respiratory system.

INGESTION
May cause gastrointestinal tract discomfort or damage.

POTENTIAL LONG-TERM EFFECTS FROM OVEREXPOSURE:

CANCER INFORMATION
None of the ingredients in this product exceeding 0.1% are on the IARC, NTP, or OSHA lists of carcinogenic hazards.

CHRONIC EFFECTS
No long-term health effects known to Bostik.

SYMPTOMS OF OVEREXPOSURE
Irritation, dry throat, coughing, headache, dizziness, nausea, vomiting.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
May aggravate an existing dermatitis.

NOTES TO MD AND OTHER HEALTH RELATED INFORMATION
Treat symptomatically and supportively. Contact Bostik to determine whether any additional information is available.

SECTION 4 - FIRST AID MEASURES

CONTACT, SKIN AND EYE
EYES: IMMEDIATELY flush eyes with large amounts of water for at least 15 minutes, occasionally lifting upper and lower lids. Seek medical attention.

SKIN: Remove contaminated clothing. Wash contaminated skin with large amounts of soap and water. Seek medical attention if irritation, rash or other symptoms develop.
INHALATION
Remove victim to fresh air. Begin rescue breathing if breathing has stopped. Transfer to a medical facility.

INGESTION
DO NOT INDUCE VOMITING. IMMEDIATELY call a hospital or poison control center. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical. If the victim is convulsing or unconscious DO NOT give anything by mouth, ensure that the victim's airway is open and lay victim on his/her side with the head lower than the body. Seek medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABILITY DATA

FLASH POINT Deg F: >200
Deg C: >93
LOWER EXPLOSIVE LIMIT %: N/A
UPPER EXPLOSIVE LIMIT %: N/A
AUTOIGNITION POINT Deg F: N/A
Deg C: N/A

FIRE AND EXPLOSION HAZARDS:
Product may burn and produce toxic gases in a fire.

DUST EXPLOSION HAZARD:
No hazard known to Bostik.

SENSITIVITY TO MECHANICAL IMPACT:
No hazard known to Bostik.

SENSITIVITY TO STATIC DISCHARGE:
No hazard known to Bostik.

EXTINGUISHING MEDIA:
Use water spray, foam, dry chemical or carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS:
Hazardous gases produced in a fire may include oxides of carbon and various hydrocarbons.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL CLEAN-UP PROCEDURES
Scrape up grease and deposit into containers for disposal.

HEALTH CONSIDERATIONS AND PROTECTIVE EQUIPMENT

Follow the guidelines of 29CFR 1910.120 for dealing with a spill of any size. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill, including the material spilled, the quantity of the spill and the area in which the spill occurred.
SECTION 7 - HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS
Store in a cool, dry area out of direct sunlight. Keep away from eyes. Avoid prolonged skin contact.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION CONTROLS
Not normally required.

RESPIRATORY PROTECTION
Not normally required.

EYE PROTECTION
Safety glasses are recommended.

SKIN PROTECTION
Wear appropriate clothing to minimize skin contact with this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: A gray to black paste with a greaselike odor.
SPECIFIC GRAVITY: 1.21 (Water = 1)
DENSITY: 10.1 lb/gal
SOLUBILITY IN WATER: 0.1 %
PERCENT VOLATILE (WEIGHT): 0.0
VOLATILE ORGANIC COMPOUND: 0.00 g/l (0.00 lb/gal)
VAPOR PRESSURE: N/D
BOILING POINT: N/D
VAPOR DENSITY: N/D
EVAPORATION RATE: N/D
FREEZING POINT: N/D
ODOR THRESHOLD: N/D
OCTANOL/WATER COEFFICIENT: N/D

SECTION 10 - STABILITY AND REACTIVITY

STABILITY
Product is stable under normal temperature and pressure.

HAZARDOUS POLYMERIZATION
Will not occur.

CONDITIONS TO AVOID
Avoid contact with Strong Oxidizers.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE (SHORT-TERM) TOXICITY
CHRONIC (LONG-TERM) TOXICITY AND OTHER INFORMATION
No long-term health effects known to Bostik.

SECTION 12 - ECOLOGICAL INFORMATION

No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Federal, State, and Local rules. Be aware that State and Local requirements may differ widely depending on location and may in many cases be different from Federal rules. When intending to dispose of this material, the user is advised that this product would not be classified as a Hazardous Waste under U.S. Federal Regulations in effect at the time this MSDS was created.

SECTION 14 - TRANSPORT INFORMATION

DOT/TDG/IATA PROPER SHIPPING NAME
Not regulated as a hazardous material.

IMDG CLASSIFICATION FOR OCEAN TRANSPORT
Environmentally hazardous substances, liquid, n.o.s. (contains copper metal powder), class 9, UN3082, PG III, Marine Pollutant

SECTION 15 - REGULATORY INFORMATION

SARA TITLE III -- THE FOLLOWING COMPONENTS ARE LISTED UNDER SECTION 313:
CAS NUMBER CHEMICAL NAME
7440-50-8 COPPER
N982 ZINC COMPOUNDS

CALIFORNIA PROPOSITION 65 --
CHEMICALS SHOWN BELOW WHICH ARE NOT LISTED IN SECTION II ARE PRESENT AT TRACE LEVELS BELOW THOSE CONSIDERED HAZARDOUS BY OSHA.

CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER:

CAS NUMBER CHEMICAL NAME
No Components Listed.

CHEMICALS KNOWN TO THE STATE OF CALIFORNIA AS DEVELOPMENTAL HAZARDS:
CAS NUMBER CHEMICAL NAME
No Components Listed.

CHEMICALS KNOWN TO THE STATE OF CALIFORNIA AS MALE REPRODUCTIVE HAZARDS:
CAS NUMBER CHEMICAL NAME
No Components Listed.
CHEMICALS KNOWN TO THE STATE OF CALIFORNIA AS FEMALE REPRODUCTIVE HAZARDS:
CAS NUMBER CHEMICAL NAME
No Components Listed.

TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY STATUS --
All the components of this product are either listed on the TSCA Chemical Substance Inventory or are exempted from listing.

CANADIAN DOMESTIC SUBSTANCE (DSL) LIST STATUS --
All components of this product are listed in either the Canadian Domestic Substances List (DSL) or Non-domestic Substances List (NDSL).

EUROPEAN UNION EINECS LIST STATUS --
All components of this product are listed on the EINECS Inventory, or exempt from listing under the Polymer Exemption Provision.

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

SECTION 16 - OTHER INFORMATION

PREPARED BY: Michael S. Fine

IMPORTANT NOTICE: All statements, technical information and recommendations set forth herein are based on information or tests which BOSTIK believes to be reliable. However, BOSTIK cannot guarantee their accuracy or completeness. The buyer should conduct his own tests of this product before use to determine proper preparation technique and suitability for the proposed application. BOSTIK's sale of this product is limited to the terms and conditions set forth on BOSTIK's order acknowledgement.

To summarize, BOSTIK's only warranty is that the product conforms with its written specifications, and is free from defects under normal usage; and BOSTIK's only obligation for non-compliance with this warranty is to replace the product or refund the buyer's purchase price. BOSTIK DISCLAIMS THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. In no case will BOSTIK be liable for direct, consequential, economic or other damage except for the replacement or refund as set forth above.