

MATERIAL SAFETY DATA SHEET

VSG SEALANT

Manufacturer's name:
Hubbell Power Systems
1615 Moores Street
Leeds, AL 35094

Issued: 12/8/05
Emergency Telephone No.
CHEMTREC: 800-424-9300
Business hours: 205-702-3115

 HMIS RATING

HMIS/NFPA Hazard Identification System: 0-Minimal 1-Slight 2-Moderate 3-High
4-Extreme *-Chronic

Health: 1

Flammability: 1

Reactivity: 0

WHMIS Hazard Identification System: Not a controlled product

 SECTION 1

IDENTITY

Trade Name: VSG SEALANT

Chemical Family: Castor Oil Derivative

CAS No. Not Listed

Formula: Proprietary Compound

 SECTION 2

HAZARDOUS INGREDIENTS

Nickel Aluminum Alloy 30%
Nickel CAS #7440-02-0 TLV 1.0 mg/cubic meter
Aluminum CAS #7429-90-5 TLV 10 mg/cubic meter

Nickel: Metal, dust, compounds or fumes, are listed under 29 CFR 1910, subpart Z, OSHA Toxic and Hazardous Substances as an air contaminant. Nickel metal, fumes or dust may cause eye, lung, and skin irritations.

The NTP anticipates nickel to be a human carcinogen. The IARC lists nickel as a probable human carcinogen. These listings are based on test data which indicate that nickel and nickel oxide particles in respirable air are carcinogenic to the lungs and nasal cavities. Since this product encapsulates all respirable particles, we believe this hazard is essentially eliminated.

 SECTION 3

PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling: Point N/A

Vapor Pressure: N/A

Vapor Density: Heavier than air

% Volatile by Volume: Nil

Solubility in water: Insoluble

Reactivity in water: None

Evaporation Rate: N/A

Specific Gravity: 1.08

Appearance: Thick, blue gray abrasive compound

Odor: Mild

SECTION 4**FIRE & EXPLOSION DATA**

Flash Point: > 450 F COC.

Auto Ignition Temperature: > 500 F

Extinguishing Media: Foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Standard fireman's body protection and self-contained breathing apparatus is recommended.

Unusual Fire and Explosion Hazards: Keep container tightly closed and away from heat and open flame. Closed containers may explode. Fire may produce a dense, black smoke and small quantities of isocyanates.

SECTION 5**PHYSICAL HAZARDS (REACTIVITY DATA)**

Stability: Stable

Incompatibility, materials to avoid: Contact with oxidizing material.

Hazardous decomposition products: Products of incomplete combustion may include CO, CO₂, and dense, black smoke.

Hazardous Polymerization: Will not occur.

SECTION 6**HEALTH HAZARDS**

Effects of over exposure:

Acute: May cause skin and eye irritation.

Chronic: Prolonged or repeated contact can cause defacing of skin, skin disorders, dermatitis, folliculitis, or oil acne.

Emergency and first aid procedures:

Eyes: Flush with water for at least 5 minutes. Contains abrasive particles, consult a physician.

Skin: Wash thoroughly with soap and water. If irritation occurs consult a physician.

Ingestion: Consult physician.

SECTION 7**SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be taken in handling and storage: Store in closed containers. Protect from contamination with other materials. Do not transfer into unmarked container.

Steps to be taken in case material is released or spilled: Scoop up material. Use sand, earth, sawdust, or other absorbent if necessary.

Waste disposal method: Dispose of in accordance with state, local, and federal regulations.

SECTION 8 SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory protection: None required under normal conditions.

Ventilation: Use in open, well-ventilated area.

Protective Gloves: Chemical resistant gloves.

Eye Protection: Goggles or safety glasses.

Other Protection: As required to prevent dermal contact. Launder clothing before reuse. Wash before eating, drinking, or smoking. Safety shower and eyewash should be provided.

SECTION 9 REGULATORY INFORMATION

UNITED STATES:

SARA TITLE III (Superfund Amendments and Reauthorization Act) 311/312 Hazard Categories:

Nickel Aluminum Alloy Powder 30%
Nickel CAS #7440-02-0 TLV 1.0 mg/cubic meter
Aluminum CAS #7429-90-5 TLV 10 mg/cubic meter

OTHER COMMENTS

The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and to develop work practice procedures for a safe work environment.

DISCLAIMER: The information contained herein is, to the best of our knowledge and belief, accurate. However, because the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all federal, state, and local laws and regulations.