



Material Safety Data Sheet

Hi – Temp 1000°C Putty

Product Name.

AmCon Hi-Temp 1000°C Putty

SECTION 1: General Information

Chemical Name And Synonyms: N/A Mixture
Formula: N/A
Chemical Family: Proprietary Metallic Composition
Binder: Proprietary Silicate, Alumina, Bond

SECTION 2 : Composition Information

| As Supplied | CAS # | WT. % | TVL/PEL |
|----------------------------|-------------|---------|-----------|
| Nickel | 744-002-0 | 0 – 15 | 1 mg/cu m |
| Stainless Steel | | 20 - 40 | |
| Fe 7439-89-6 | | | |
| Mo 7439-98-7 | | | |
| Ch 7440-47-3 | | | |
| Ni 7440-02-0 | | | |
| Refractory Ceramic Colloid | proprietary | 30 – 57 | |

*Please note all materials contained are listed on the EPA TSCA Inventory list. (1984-85 ACGIH TLV Booklet, Page 50)

SECTION 3 : Physical Data

Boiling Point (°F): N/A
Specific Gravity Range (H₂O=1): 2.0 – 3.0
Vapor Pressure (mm Hg): N/A
Vapor Density (Air=1): N/A
Percent Volatile By Volume (%): 10 - 30
Solubility in water: Soluble
Evaporation Rate (=1); N/A
Appearance / Odor: Smooth Grey Putty
Volatile Constituent: Water

SECTION 4 : Fire and Explosion Hazard Data

Extinguishing Media: N/A
Flash Point (Method Used): N/A
Flammable Limit: N/A
Unusual Fire and Explosive Hazards: LEL = N/A
Special Fire Fighting Procedures: UEL = N/A

Sara Section 313 Supplier Notification:

This product contains the following chemical(s) subject to the reporting requirement of Section 313 of the Emergency Planning and Community. Right-To-Know Act of 1968 and 40 CFR 372: Nickel Chromium. Refer to hazardous ingredients section of this MSDS for the appropriate CAS numbers.

HIMS RATING Health = 1 Fire=0 Reactivity=0

HAZARD RATING:

Nickel: LD50: Oral Rat > 5000mg/kg.

IARC found there was inadequate evidence that metallic nickel or chromium is carcinogenic to humans but since there was sufficient evidence that is carcinogenic to animals, IARC concluded that metallic nickel or chromium is possible carcinogenic to humans. Epidemiological studies of workers exposed to nickel or chromium powder and to dust and fumes generated in the production of nickel alloys and of stainless steel have not indicated the presence of significant respiratory cancer hazard.

Effects Of Over exposure:

Skin Contact: Repeated contact with metallic nickel can cause nickel sensitivity and allergic skin rashes.

Emergency And First Aid Procedures: Flush eyes and skin with copious quantities of water. Get immediate medical attention for eyes. If swallowed, consult physician immediately.

SECTION 6: Fire, Explosive and Reactivity Data

Stability: Stable
Incompatibility (Materials to Avoid): N/A
Hazardous Decomposition Products: None
Hazardous Polymerization: Will Not Occur

SECTION 7 : Spill Or Leak Procedures

Steps To Be Taken In Case Material Is Released Or Spilled: Sweep up spilled powder and dispose in approved industrial waste container. Hose spilled Adhesive with water, immediately. 950 Adhesive is not water-soluble after drying.

Waste Disposal Method: Approved industrial waste disposal means.

SECTION 8 : Special Protection Information

Respiratory Protection (Specify Type): NIOSH approved* Respirators recommended for spray applications.

Ventilation: Local Exhaust Vacuuming with Vacuum exhaust passing through a high efficiency particulate arresting (HEPA) filter is the exhaust is discharged into the workplace.

Protective Glove: Recommended

Eye Protection: Recommended

Other Protective Equipment: Rubber aprons, lab coats, etc. to protect clothing.

SECTION 9 : Special Precautions

Precautions To Be Taken In Handling And Storing: Keep container closed and avoids getting wet until ready to use.

Other Precaution: Wash Hands Thoroughly Before Eating Or Smoking. Avoid Getting Powder In Body Openings, Including Cuts, Sores, Mouth, Etc. Use With Adequate Ventilation. Avoid Repeated Skin Contact. Wash Skin Thoroughly After Handling.

*(Reference 1984-85 ACGIH TLV Booklet, Page 34) Appropriate ventilation should be provided and protective equipment should be worn in compliance with OSHA standard currently 29 CFR 1910.134 (NIOSH approved, air purifying, half mask or full face-piece respirator with appropriate filter pad or cartridge (s))

0= Insignificant 1= Non-Toxic, Slight 2= Moderate 3= High 4= Extreme