



HIGH TECH PRODUCTS, INC.

2376 E. Pacifica Place Rancho Dominguez, CA 90220 (800) 675-1118 www.alliedhightech.com

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Details

Product Name: Polycrystalline Diamond Powder

Allied Item No.: 90-130220 - 90-130230

Chemical Name: Diamond Powder

Company Identification

Allied High Tech Products, Inc.
2376 East Pacifica Place
Rancho Dominguez, CA 90220
(310) 635-2466

Contact Point

Transportation for United States
Chemtrec (800) 424-9300 * (202) 483-7616

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name	CAS No.	Exposure Limits in Air		Carcin. Y/N
		ACGIH TLV or TWA	OSHA PEL	
Nickel .1%	7440-02-0	1.0mg/m3	1.0mg/m3	N

SECTION 3: HAZARDS IDENTIFICATION

Hazard Statement: Not listed as a carcinogen by IARC, NTP or OSHA.

Medical Restrictions: Spilled particles may create a slipping hazard. Avoid inhalation.

SECTION 4: FIRST AID MEASURES

	Potential Health Effects	First Aid/ Medical Info.
Eye Contact:	May cause minor irritation or injury due to mechanical action.	Flush with water for 20 to 30 minutes while holding eyelids open. Seek medical attention if irritation persists. If wearing contacts; remove.
Skin Contact:	May cause minor irritation or injury due to mechanical action.	Wash affected area with soap and water. Seek Medical attention if rash occurs.
Inhalation:	May cause respiratory irritation due to mechanical action.	Remove to fresh air. If breathing becomes impaired seek medical attention.
Ingestion:	Not expected to be an ingestion hazard.	Seek medical attention if large amount is swallowed.

Note:

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical, carbon dioxide, foam, and water spray can be used to cool adjacent surfaces.

Fire Fighting Instruction: Use approved pressure demand breathing apparatus and protective clothing. Use extinguishing water stream carefully and contain runoff water.

Special Hazards: Not sensitive to mechanical impact. Potential dust ignition explosion hazard at 10 micron size or less.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Sweep or gather up material and place in proper container for disposal or recovery.

Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.

HMIS Ratings

Health: 0
Flammability: 0
Reactivity: 0

<p>SECTION 7: HANDLING & STORAGE</p>	<p>SECTION 12: ECOLOGICAL INFORMATION</p>
<p><u>Handling:</u> Wear safety glasses, avoid breathing dust; use adequate ventilation when grinding, fabricating or using this product. Observe good housekeeping practices.</p> <p><u>Storage:</u> Store in a secure, dry place with containers closed.</p>	<p>Not expected to present any significant ecological problems.</p>
<p>SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION</p>	<p>SECTION 13: DISPOSAL INFORMATION</p>
<p><u>Engineering Measures:</u> Provide local exhaust ventilation to meet published or recommended exposure limits.</p> <p><u>Respiratory Protection:</u> Use OSHA/NIOSH approved respiratory protection if level of air contaminants is excessive. Care must be taken not to exceed the working limits of the respirator.</p> <p><u>Protective Gloves:</u> Latex gloves.</p> <p><u>Eye Protection:</u> Splashproof or chemical goggles.</p> <p><u>Other:</u> Eyewash and safety shower are recommended.</p>	<p>Product is not RCRA hazardous waste. Recycling is encouraged. Disposing in landfill is acceptable.</p>
<p>SECTION 9: PHYSICAL & CHEMICAL PROPERTIES</p>	<p>SECTION 14: TRANSPORT INFORMATION</p>
<p>Appearance: Solid, white, yellow, gray, or black Odor: Odorless Solubility: Insoluble Boiling Point: NA Melting Point: NA Flash Point: NA Vapor Pressure: NA Vapor Density: NA Evaporation Rate: NA Specific Gravity: 3.5 (water = 1) Flammable Limits LEL: NA Flammable Limits UEL: NA</p>	<p><u>DOT Shipping Name:</u> Not regulated.</p> <p><u>DOT Hazard Class:</u> Not regulated.</p> <p><u>DOT Id Number:</u> Not regulated.</p>
<p>SECTION 10: STABILITY & REACTIVITY</p>	<p>SECTION 15: REGULATORY INFORMATION</p>
<p><u>Stability:</u> Stable</p> <p><u>Conditions to Avoid/Incompatibles:</u> NA</p> <p><u>Decomposition Products:</u> Not likely.</p> <p><u>Hazardous Polymerization:</u> Will not occur.</p>	<p><u>SARA Title III:</u> Listed on Section 313.</p> <p><u>Toxic Substance Control Act TSCA:</u> All ingredients are TSCA listed.</p> <p><u>Canada WHMIS Hazard Class:</u> Not listed.</p>
<p>SECTION 11: TOXICOLOGICAL INFORMATION</p>	<p>SECTION 16: OTHER INFORMATION</p>
<p>This material is not listed as a carcinogen by IARC, NTP or OSHA.</p> <p><u>Acute Toxicity:</u> Acute oral; Oral LD50 (Rat) >5 g/kg, estimated.</p>	<p>Legend NAIF: No Applicable Information Found NA: Not Available/Applicable NE: None Established</p> <p>DISCLAIMER: The above information and recommendations are believed accurate and reliable. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. ALLIED HIGH TECH PRODUCTS, INC. makes no warranty, either express or implied, as to its accuracy or completeness and none is made as to the fitness of this material for any purpose. The manufacturer/distributor shall not be liable for damages to person or property resulting from its use. Nothing herein shall be construed as a recommendation for use in violation of any patent.</p> <p>Form Prepared By: Allied High Tech Products, Inc., January 2013</p>