

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Details

Product Name: Diamond Wafering Blade
- Segmented/Continuous Rim

Allied Item No.: 65-10005 through 65-10030
75-10005 through 75-10045

Chemical Name: Electroplated Nickel

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 Metal, 95-99%	7740-02-0	1 mg/m3	1 mg/m3	Y
Diamond, 1-5%	7782-40-3	NA	NA	N

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

HMIS Ratings

Health: 3
Flammability: 0
Reactivity: 1

SECTION 3: HAZARDS IDENTIFICATION

Hazard Statement: Dust should be kept to a minimum. The use of an air hose in cleaning of machinery is not recommended. Swarf generated with the use of this product should be disposed of according to Federal, State and Local regulations.

SECTION 4: FIRST AID MEASURES

	Potential Health Effects	First Aid/ Medical Info.
	Eye Contact:	Acute: May cause irritation. Chronic: Nickel dust can cause damage to cornea.
Skin Contact:	Acute: Not absorbed through skin. Chronic: Dermatitis may develop.	Seek medical attention for "nickel itch."
Inhalation:	May cause coughing, shortness of breath and wheezing. Nickel dust has been associated with destruction of nasal tissues, asthmatic lung disease and lung and nasal cancer.	Remove to fresh air. Seek medical attention if needed.
Ingestion:	NAIF	NAIF

Note:

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Alcohol foam, carbon dioxide, dry chemical or water.

Fire Fighting Instruction: Wear full protective clothing and OSHA/NIOSH self-contained breathing apparatus with full facepiece.

Special Hazards: Hydrogen gas, toxic gases and vapors (such as nickel carbonyl and oxides of nitrogen) may be released in a fire involving nickel or in a decomposition of nickel compounds.

SECTION 6: ACCIDENTAL RELEASE MEASURES

NA

SECTION 7: HANDLING & STORAGE	SECTION 12: ECOLOGICAL INFORMATION
<p>Handling/Storage: Comply with ANSI B7.1 and OSHA act which governs storage, handling and use of this product.</p>	<p>NA</p>
SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION	SECTION 13: DISPOSAL INFORMATION
<p>Engineering Measures: Local ventilation recommended.</p> <p>Respiratory Protection: Use OSHA/NIOSH approved respiratory protection if level of air contaminants is excessive.</p> <p>Protective Gloves: As desired by user.</p> <p>Eye Protection: Safety glasses or chemical splash goggles.</p> <p>Other: Ear protection recommended when using this product.</p>	<p>Dispose of waste material according to Federal, State and Local regulations.</p>
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES	SECTION 14: TRANSPORT INFORMATION
<p>Appearance: Silver gray metallic Odor: Odorless Solubility: Insoluble Boiling Point: 4946°F (2730°C) Melting Point: 2648°F (1453°C) Flash Point: NA Vapor Pressure: @20°C Vapor Density: NA Evaporation Rate: NA Specific Gravity: 8.9 Flammable Limits LEL: NA Flammable Limits UEL: NA</p>	<p>NA</p>
SECTION 10: STABILITY & REACTIVITY	SECTION 15: REGULATORY INFORMATION
<p>Conditions to Avoid/Incompatibles: Nickel compounds. Strong acids, HCL, HNO3.</p> <p>Decomposition Products: Hydrogen gas, toxic gases and vapors (such as nickel carbonyl and oxides of nitrogen) may be released in a fire involving nickel or in a decomposition of nickel compounds.</p> <p>Hazardous Polymerization: Will not occur.</p>	<p>NA</p>
SECTION 11: TOXICOLOGICAL INFORMATION	SECTION 16: OTHER INFORMATION
<p>NA</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> <hr/> <p>Form Prepared By: Allied High Tech Products, Inc. January 2013</p>