

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Details

Product Name: Flexible Metal Bonded Diamond Discs

Allied Item No.: 50-5000 through 50-51040M

Chemical Name: Coated Abrasive Disc

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	
Layered Backing 25-74%	None	N/E	N/E	
Nickel 15-60%	7440-02-0	1.5mg/m3	1mg/m3	
Diamond 0.2-15%	7782-40-3	0ppm	0ppm	
Film backing 2-10%	None	N/E	N/E	

SECTION 3: HAZARDS IDENTIFICATION

Hazard Statement: May cause allergic skin reaction. Contains a chemical or chemicals which can cause cancer. When determining the degree of health hazards, the material being abraded must be considered.

SECTION 4: FIRST AID MEASURES

Potential Health Effects		First Aid/ Medical Info.
Eye Contact:	Dust created by cutting, grinding, sanding or machining may irritate eyes. Symptoms may include pain, redness, tearing and abrasion.	Flush with water, seek medical attention if irritation persists.
Skin Contact:	Allergic skin reaction may happen including redness, swelling, blistering and itching.	Wash affected areas with soap and water. Seek medical attention. Wash contaminated clothing & shoes before reuse.
Inhalation:	Dust may irritate and cause coughing, sneezing, headache, hoarseness and pain. Prolonged/ repeated exposure may cause coughing, wheezing, weakness, increased heart rate, cyanosis, and changes in lung function tests.	Remove to fresh air. Seek medical attention if symptoms persist.
Ingestion:	Physical blockage may occur causing cramps, abdominal pain & constipation.	Do not induce vomiting unless instructed by medical personnel. Give 2 glasses of water and seek medical attention.

Note:

SECTION 5: FIRE FIGHTING MEASURES

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

Fire Fighting Instruction: Wear full protective clothing, including helmet, breathing apparatus, coat/pants, bands around arms/waist/legs, face mask and protective covering for exposed area of the head.

Special Hazards: NAIF

SECTION 6: ACCIDENTAL RELEASE MEASURES

Not applicable

HMIS Ratings

Health: 1
Flammability: 0
Reactivity: 0

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

SECTION 7: HANDLING & STORAGE	SECTION 12: ECOLOGICAL INFORMATION
<p><u>Handling:</u> Avoid eye contact w/dust or airborne particles. Avoid breathing of dust created by cutting, sanding, grinding or machining.</p> <p>Store under normal warehouse conditions in a cool, dry place.</p>	<p>No determined</p>
SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION	SECTION 13: DISPOSAL INFORMATION
<p><u>Engineering Measures:</u> Local ventilation recommended.</p> <p><u>Respiratory Protection:</u> Use OSHA/NIOSH approved respiratory protection if level of air contaminants is excessive.</p> <p><u>Protective Gloves:</u> Use gloves and/or protective clothing based on exposure to material.</p> <p><u>Eye Protection:</u> Safety glasses or chemical splash goggles.</p>	<p>Dispose of waste product in a sanitary landfill, or a facility that is permitted to accept chemical waste. The substrate that was abraded must be considered as a factor in the disposal method for this product.</p>
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES	SECTION 14: TRANSPORT INFORMATION
<p>Appearance: Abrasive product Odor: Odorless Solubility: NA Boiling Point: NA Melting Point: NA Flash Point: NA Vapor Pressure: NA Vapor Density: NA Evaporation Rate: NA Specific Gravity: NA Flammable Limits LEL: NA Flammable Limits UEL: NA</p>	<p><u>DOT:</u> This product is not defined as hazardous.</p> <p><u>Canadian Transportation of Dangerous Goods Act:</u> This product is not regulated.</p>
SECTION 10: STABILITY & REACTIVITY	SECTION 15: REGULATORY INFORMATION
<p><u>Stability:</u> Stable</p> <p><u>Conditions to Avoid/Incompatibles:</u> NA</p> <p><u>Decomposition Products:</u> Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating or reaction with another material.</p> <p><u>Hazardous Polymerization:</u> Will not occur.</p>	<p><u>*QSHA:</u> The exposure limit represented in Section 2 is for respirable dust</p> <p><u>Toxic Substance Control Act TSCA:</u> All ingredients are TSCA listed.</p> <p><u>CA Prop 65:</u> Warning - contains a chemical which can cause cancer.</p>
SECTION 11: TOXICOLOGICAL INFORMATION	SECTION 16: OTHER INFORMATION
<p><u>Carcinogenicity:</u> Nickel is a carcinogen EPA-A, IARC-2B, NTP-R, NIOSH-X, MAK-1</p>	<p><u>Legend</u> NAIF: No Applicable Information Found NA: Not Available/Applicable NE: None Established</p> <p><u>DISCLAIMER:</u> 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>