

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION				SECTION 3: HAZARDS IDENTIFICATION																																																				
<p>Product Details</p> <p>Product Name: Diamond Lapping Film Type 'B' - Discs/Sheets</p> <p>Allied Item No.: 50-30050B through 50-30190B</p> <p>Chemical Name: Coated Abrasive</p> <p>Company Identification Allied High Tech Products, Inc. 2376 East Pacifica Place Rancho Dominguez, CA 90220 (310) 635-2466</p> <p>Contact Point Transportation for United States Chemtrec (800) 424-9300 * (202) 483-7616</p>				<p><u>Emergency Overview:</u> The environmental properties of this product present low environmental hazard.</p>																																																				
SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT				SECTION 4: FIRST AID MEASURES																																																				
<table border="1"> <thead> <tr> <th rowspan="2">Chemical Name</th> <th rowspan="2">CAS No.</th> <th colspan="2">Exposure Limits in Air</th> <th rowspan="2">Carcin. Y/N</th> </tr> <tr> <th>ACGIH TLV or TWA</th> <th>OSHA PEL</th> </tr> </thead> <tbody> <tr> <td>Polyester Film Backing 50-97%</td> <td>25038-59-9</td> <td>5-10 mg/m3</td> <td></td> <td></td> </tr> <tr> <td>Polymeric Resin (cured) 2-40%</td> <td>NA</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Diamond 1-25%</td> <td>7782-40-3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Silica 5-25%</td> <td>7631-86-9</td> <td>3 mg/m3</td> <td></td> <td></td> </tr> <tr> <td>Dye* <0.1%</td> <td>NA</td> <td>3 mg/m3</td> <td></td> <td></td> </tr> </tbody> </table>				Chemical Name	CAS No.	Exposure Limits in Air		Carcin. Y/N	ACGIH TLV or TWA	OSHA PEL	Polyester Film Backing 50-97%	25038-59-9	5-10 mg/m3			Polymeric Resin (cured) 2-40%	NA				Diamond 1-25%	7782-40-3				Silica 5-25%	7631-86-9	3 mg/m3			Dye* <0.1%	NA	3 mg/m3			<table border="1"> <thead> <tr> <th></th> <th>Potential Health Effects</th> <th>First Aid/ Medical Info.</th> </tr> </thead> <tbody> <tr> <td>Eye Contact:</td> <td>Dust created by cutting, grinding, sanding or machining may cause eye irritation including redness, swelling, pain, tearing and blurred or hazy vision.</td> <td>Flush eyes with large amounts of water. If irritation persists seek medical attention.</td> </tr> <tr> <td>Skin Contact:</td> <td>May cause irritation, abrasion, redness, pain and itching.</td> <td>Remove contaminated clothing and shoes. Wash skin with soap and water. Seek medical attention if irritation persists.</td> </tr> <tr> <td>Inhalation:</td> <td>Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system including cough, sneezing, nasal discharge, headache, hoarseness and nose and throat pain.</td> <td>Remove to fresh air. If irritation persists seek medical attention.</td> </tr> <tr> <td>Ingestion:</td> <td>May cause physical blockage including cramping, abdominal pain and constipation.</td> <td>Do NOT induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Seek medical attention.</td> </tr> <tr> <td colspan="3">Note:</td> </tr> </tbody> </table>				Potential Health Effects	First Aid/ Medical Info.	Eye Contact:	Dust created by cutting, grinding, sanding or machining may cause eye irritation including redness, swelling, pain, tearing and blurred or hazy vision.	Flush eyes with large amounts of water. If irritation persists seek medical attention.	Skin Contact:	May cause irritation, abrasion, redness, pain and itching.	Remove contaminated clothing and shoes. Wash skin with soap and water. Seek medical attention if irritation persists.	Inhalation:	Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system including cough, sneezing, nasal discharge, headache, hoarseness and nose and throat pain.	Remove to fresh air. If irritation persists seek medical attention.	Ingestion:	May cause physical blockage including cramping, abdominal pain and constipation.	Do NOT induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Seek medical attention.	Note:		
Chemical Name	CAS No.	Exposure Limits in Air				Carcin. Y/N																																																		
		ACGIH TLV or TWA	OSHA PEL																																																					
Polyester Film Backing 50-97%	25038-59-9	5-10 mg/m3																																																						
Polymeric Resin (cured) 2-40%	NA																																																							
Diamond 1-25%	7782-40-3																																																							
Silica 5-25%	7631-86-9	3 mg/m3																																																						
Dye* <0.1%	NA	3 mg/m3																																																						
	Potential Health Effects	First Aid/ Medical Info.																																																						
Eye Contact:	Dust created by cutting, grinding, sanding or machining may cause eye irritation including redness, swelling, pain, tearing and blurred or hazy vision.	Flush eyes with large amounts of water. If irritation persists seek medical attention.																																																						
Skin Contact:	May cause irritation, abrasion, redness, pain and itching.	Remove contaminated clothing and shoes. Wash skin with soap and water. Seek medical attention if irritation persists.																																																						
Inhalation:	Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system including cough, sneezing, nasal discharge, headache, hoarseness and nose and throat pain.	Remove to fresh air. If irritation persists seek medical attention.																																																						
Ingestion:	May cause physical blockage including cramping, abdominal pain and constipation.	Do NOT induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Seek medical attention.																																																						
Note:																																																								
<p>* Some products supplied without dyes.</p>				SECTION 5: FIRE FIGHTING MEASURES																																																				
<p>Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.</p>				<p><u>Extinguishing Media:</u> Alcohol foam, carbon dioxide, dry chemical or water.</p> <p><u>Fire Fighting Instruction:</u> Wear full protective clothing and OSHA/NIOSH self-contained breathing apparatus with full facepiece.</p> <p><u>Special Hazards:</u> NA</p>																																																				
<p>Page 1 of 2:</p>				SECTION 6: ACCIDENTAL RELEASE MEASURES																																																				
<p>HMIS Ratings Health: 1 Flammability: 0 Reactivity: 0</p>				NA																																																				

<p>SECTION 7: HANDLING & STORAGE</p>	<p>SECTION 12: ECOLOGICAL INFORMATION</p>
<p><u>Handling:</u> Damaged product can break apart during use and cause serious injury to face or eyes. Check product for damage such as cracks or nicks prior to use. Replace if damaged. Always wear eye and face protection when working at sanding or grinding operations or when near such operations. Sparks and particles flying from the product during sanding or grinding can cause injury and fire. Avoid breathing of dust created by cutting, sanding, grinding or machining. Observe good housekeeping practices. For industrial or professional use only.</p> <p><u>Storage:</u> Store in a cool dry place.</p>	<p>No information available.</p>
<p>SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION</p>	<p>SECTION 13: DISPOSAL INFORMATION</p>
<p><u>Engineering Measures:</u> Provide appropriate local exhaust for cutting, grinding, sanding or machining. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below exposure limits and/or control dust, fume or airborne particles.</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> Wear appropriate gloves and protective clothing.</p> <p><u>Eye Protection:</u> Safety glasses or chemical splash goggles.</p> <p><u>Other:</u> Eye wash and shower facility should be available.</p>	<p>The substrate that was abraded must be considered as a factor in the disposal method for this product. Dispose of waste product in a sanitary landfill. As a disposal alternative, incinerate in an industrial or commercial facility.</p>
<p>SECTION 9: PHYSICAL & CHEMICAL PROPERTIES</p>	<p>SECTION 14: TRANSPORT INFORMATION</p>
<p>Appearance: Thin film backed abrasive, color varies by grade Odor: None Solubility: NA Boiling Point: NA Melting Point: NA Flash Point: NA Vapor Pressure: NA Vapor Density: NA Evaporation Rate: NA Specific Gravity: NE Flammable Limits LEL: NA Flammable Limits UEL: NA</p>	<p>NA</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> Carbon monoxide, carbon dioxide - During Combustion.</p> <p><u>Hazardous Polymerization:</u> Will not occur.</p>	<p><u>311/312 Hazard Categories:</u> Fire/pressure/reactivity/delayed hazard: No Immediate Hazard: Yes</p>
<p>SECTION 11: TOXICOLOGICAL INFORMATION</p>	<p>SECTION 16: OTHER INFORMATION</p>
<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>
<p>Page 2 of 2:</p>	<p>Form Prepared By: Allied High Tech Products, Inc. January 2011</p>