

## MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION					SECTION 3: HAZARDS IDENTIFICATION																	
<p><b>Product Details</b></p> <p>Product Name: Diamond Suspension-Alcohol-Based - (All Microns)</p> <p>Allied Item No.: 90-3AB0.25 - 90-3AB9</p> <p>Chemical Name: Abrasive Polishing Suspension</p>					<p>Emergency Overview: Flammable. May be fatal if swallowed.</p> <p>Hazard Statement: Not listed as a carcinogen by IARC, NTP or OSHA.</p> <p>Medical Restrictions: Repeated overexposure may aggravate existing liver and/or kidney disease.</p>																	
<p><b>Company Identification</b></p> <p>Allied High Tech Products, Inc. 2376 East Pacifica Place Rancho Dominguez, CA 90220 (310) 635-2466</p> <p><b>Contact Point</b></p> <p>Transportation for United States Chemtrec (800) 424-9300 * (202) 483-7616</p>					<p><b>SECTION 4: FIRST AID MEASURES</b></p> <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>May cause irritation, redness of the conjunctiva and excess tear production.</td> <td>Flush with water for 15 minutes. Seek medical attention if irritation persists.</td> </tr> <tr> <td>Skin Contact:</td> <td>May cause irritation.</td> <td>Wash affected area with soap and water.</td> </tr> <tr> <td>Inhalation:</td> <td>May cause irritation of the nose and throat; nausea, vomiting, headache and dizziness.</td> <td>Remove to fresh air. Seek medical attention if irritation persists.</td> </tr> <tr> <td>Ingestion:</td> <td>May cause dizziness, drowsiness, euphoria, nausea, vomiting, convulsions, kidney damage and death.</td> <td>Give two glasses of water and induce vomiting. Seek medical attention immediately.</td> </tr> </tbody> </table>				Potential Health Effects	First Aid/Medical Info.	Eye Contact:	May cause irritation, redness of the conjunctiva and excess tear production.	Flush with water for 15 minutes. Seek medical attention if irritation persists.	Skin Contact:	May cause irritation.	Wash affected area with soap and water.	Inhalation:	May cause irritation of the nose and throat; nausea, vomiting, headache and dizziness.	Remove to fresh air. Seek medical attention if irritation persists.	Ingestion:	May cause dizziness, drowsiness, euphoria, nausea, vomiting, convulsions, kidney damage and death.	Give two glasses of water and induce vomiting. Seek medical attention immediately.
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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT					<p>Note:</p>																	
Chemical Name	CAS No.	Exposure Limits in Air ACGIH TLV or TWA	OSHA PEL	Carcin. Y/N																		
Ethyl alcohol 80-90%	64-17-5	1000 ppm	1000 ppm	N																		
Isopropyl alcohol 5-10%	67-63-0	400 ppm	400 ppm	N																		
Propylene Glycol 10-20%	57-55-6	NE	NE		<p><b>SECTION 5: FIRE FIGHTING MEASURES</b></p> <p>Extinguishing Media: Water spray, carbon dioxide, dry chemical, or foam.</p> <p><b>Fire Fighting Instruction:</b> Wear full protective clothing and OSHA/NIOSH self-contained breathing apparatus with full facepiece. Use water spray to cool fire-exposed containers and structures, and to disperse vapors; re-ignition is possible.</p> <p><b>Special Hazards:</b> Vapors may travel or be moved by air currents and ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharges or other ignition sources distant from the product handling point. Vapors may settle on low or confined areas and flash back explosively.</p>																	
<p>Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.</p>					<p><b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b></p> <p>Remove ignition sources.</p> <p>Small spills: Wipe up with suitable absorbent material or flush with large amounts of water.</p> <p>Large spills: Collect for disposal.</p>																	
<p><b>HMIS Ratings</b></p> <p>Health: 1 Flammability: 3 Reactivity: 0</p>																						
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<p><b>SECTION 7: HANDLING &amp; STORAGE</b></p>	<p><b>SECTION 12: ECOLOGICAL INFORMATION</b></p>
<p><u>Handling:</u> Warning! Flammable. Causes eye irritation. Wear appropriate protection. Use with adequate ventilation. Wash thoroughly after handling.</p> <p><u>Storage:</u> Keep container closed when not in use. Store in a cool, dry place away from sparks or open flame.</p>	<p>Very low order of toxicity.</p>
<p><b>SECTION 8: EXPOSURE CONTROL &amp; PERSONAL PROTECTION</b></p>	<p><b>SECTION 13: DISPOSAL INFORMATION</b></p>
<p><u>Engineering Measures:</u> General sufficient for storage. Local exhaust should be used in places where vapors may escape into the workplace air.</p> <p><u>Respiratory Protection:</u> Use self-contained breathing apparatus in high vapor concentrations.</p> <p><u>Protective Gloves:</u> Neoprene or PVC-coated</p> <p><u>Eye Protection:</u> Safety glasses or monogoggles.</p> <p><u>Other:</u> Eyewash and safety shower are recommended.</p>	<p>This product has the RCRA characteristic of ignitability, D001 (RQ 100lb). Dispose of by incinerating in furnace where permitted under federal, state and local regulations.</p>
<p><b>SECTION 9: PHYSICAL &amp; CHEMICAL PROPERTIES</b></p>	<p><b>SECTION 14: TRANSPORT INFORMATION</b></p>
<p>Appearance: Liquid with insoluble solids Odor: Astringent, nonresidual Solubility: Completely Soluble Boiling Point: 174°F (79°C) Melting Point: -121°F (-85°C) Flash Point: 50°F (10°C) Vapor Pressure: 50 mm/Hg @ 68°F (20°C) Vapor Density: 1.5; air = 1 Evaporation Rate: 2.0; butyl acetate = 1 Specific Gravity: 0.80; water = 1 Flammable Limits LEL: 3.3 Flammable Limits UEL: 19.0 VOC Content: 100%</p>	<p><u>DOT Shipping Name:</u> Alcohol NOS (ethyl alcohol, isopropyl alcohol) <u>DOT Hazard Class:</u> Class 3, Packing Group II <u>DOT Id Number:</u> UN1987</p> <p><u>Land:</u> Limited quantity exception 66 lb combination package; single package limit 1.3 gallons (5.0L) <u>Air:</u> 307 cargo aircraft only. Limited quantity exception: 0.26 gallons (1.0L) <u>Sea:</u> P001, limited quantity exception: 0.26 gallon (1.0L)</p>
<p><b>SECTION 10: STABILITY &amp; REACTIVITY</b></p>	<p><b>SECTION 15: REGULATORY INFORMATION</b></p>
<p><u>Stability:</u> Stable</p> <p><u>Conditions to Avoid/Incompatibles:</u> Strong oxidizing agents, and inorganic acids.</p> <p><u>Decomposition Products:</u> Carbon monoxide and/or carbon dioxide.</p> <p><u>Hazardous Polymerization:</u> Will not occur.</p> <p><u>Reactivity:</u> Generally unreactive except for flammability.</p>	<p>SARA Title III: Isopropyl alcohol; section 313 Toxic Substance Control Act TSCA: All ingredients are TSCA listed.</p> <p>CA Proposition 65: Not Listed Florida: Not Listed Massachusetts: ethyl alcohol, isopropyl alcohol New Jersey: Denatured alcohol, isopropyl alcohol Pennsylvania: Denatured alcohol, propylene glycol, isopropyl alcohol</p> <p>Canada WHMIS Hazard Class: Class B, Division 2: Flammable liquid Class D, Division 2, Subdivision B: Toxic material EU Directive 67/548/EEC: R11, R25, R36, R67, S2, S6, S9, S46</p>
<p><b>SECTION 11: TOXICOLOGICAL INFORMATION</b></p>	<p><b>SECTION 16: OTHER INFORMATION</b></p>
<p>This material is not listed as a carcinogen by IARC, NTP or OSHA.</p>	<p><b>Legend</b> NAIF: No Applicable Information Found NA: Not Available/Applicable NE: None Established</p> <p><b>DISCLAIMER:</b> 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 2011</p>