

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Details

Product Name: Silicon Carbide Abrasive Paper

Allied Item No.: 50-00060 - 50-11077

Chemical Name: Coated Abrasive Product

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

May Contain One or More of the Following:

Chemical Name	CAS No.	Exposure Limits in Air		Carcin. Y/N
		ACGIH TLV or TWA	OSHA PEL	
Aluminum Oxide	1344-28-1	10 mg/m3	15 mg/m3	N
Silicon Carbide	409-21-2	10 mg/m3	15 mg/m3	N
Zirconia Alumina	7440-67-7	10 mg/m3	15 mg/m3	N
Cryolite	15096-52-3	NA	NA	N
Potassium Fluoroborate	14075-53-7	NA	NA	N
Cured Phenolic Resin	60304-36-1	NA	NA	N
Calcium Oxide	1305-78-8	NA	2 mg/m3	N
Zinc Stearate	557-05-1	10 mg/m3	NA	N
Quartz (crystalline silicon dioxide)	14808-60-7	0.1 mg/m3	10 mg/m3	N
Garnet (Almandite)	NE	NA	15 mg/m3	N

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

HMIS Ratings

Health: 1
Flammability: 0
Reactivity: 0

SECTION 3: HAZARDS IDENTIFICATION

NA

SECTION 4: FIRST AID MEASURES

	Potential Health Effects	First Aid/ Medical Info.
Eye Contact:	Dust may irritate eyes.	Flush eyes with large quantities of water. Seek medical attention if needed.
Skin Contact:	Not absorbed through skin, may cause abrasions.	Wash affected area with soap and water. Seek medical attention if needed.
Inhalation:	May cause coughing, shortness of breath. May affect breathing capacity.	Move to fresh air. Apply artificial respiration as needed. Seek medical attention.
Ingestion:	No known adverse effects but ingestion not recommended.	Seek medical attention if needed.

Note: During use on some materials elevated sound levels may be created which affect hearing.

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: Backing and resin binders will burn and/or decompose.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Normal clean-up procedures. Vacuum dust.

<p>SECTION 7: HANDLING & STORAGE</p>	<p>SECTION 12: ECOLOGICAL INFORMATION</p>
<p><u>Handling:</u> Product is abrasive, do not rub with hands or face. Handle with adequate ventilation. See OSHA 29 CFR 1910.94 and 1910.1000. Observe good housekeeping practices.</p> <p><u>Storage:</u> Store in a cool, dry place between 45-85°F (7-29°C). See OSHA 29 CFR 1910.94 and 1910.1000.</p>	<p>NA</p>
<p>SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION</p>	<p>SECTION 13: DISPOSAL INFORMATION</p>
<p><u>Engineering Measures:</u> General and/or local exhaust ventilation.</p> <p><u>Respiratory Protection:</u> Use NIOSH/OSHA approved respiratory protection if level of air contaminants is excessive.</p> <p><u>Protective Gloves:</u> Leather gloves as desired by user.</p> <p><u>Eye Protection:</u> Safety glasses or chemical splash goggles recommended.</p> <p><u>Other:</u> Ear protections as needed.</p>	<p>Standard land fill methods according to Federal, State and Local regulations.</p>
<p>SECTION 9: PHYSICAL & CHEMICAL PROPERTIES</p>	<p>SECTION 14: TRANSPORT INFORMATION</p>
<p><u>Appearance:</u> Paper, cloth or fiber coated with abrasive material</p> <p><u>Odor:</u> Trace chemical odor</p> <p><u>Solubility:</u> NA</p> <p><u>Boiling Point:</u> NA</p> <p><u>Melting Point:</u> NA</p> <p><u>Flash Point:</u> 140°F (60°C)</p> <p><u>Vapor Pressure:</u> NA</p> <p><u>Vapor Density:</u> NA</p> <p><u>Evaporation Rate:</u> NA</p> <p><u>Specific Gravity:</u> NA</p> <p><u>Flammable Limits LEL:</u> NA</p> <p><u>Flammable Limits UEL:</u> NA</p>	<p><u>DOT Shipping Name:</u> Coated Abrasive (Sandpaper)</p> <p><u>DOT Hazard Class:</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> Keep away from fire, flame or excessive heat.</p> <p><u>Decomposition Products:</u> In use dust and decomposing resin system fumes are generated. In most cases, the material removed from the work piece will be significantly greater than the Coated Abrasive product components.</p> <p><u>Hazardous Polymerization:</u> Will not occur.</p>	<p>NA</p>
<p>SECTION 11: TOXICOLOGICAL INFORMATION</p>	<p>SECTION 16: OTHER INFORMATION</p>
<p><u>Health Hazards:</u> NA</p>	<p>Legend</p> <p>NAIF: No Applicable Information Found</p> <p>NA: Not Available/Applicable</p> <p>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. 2/1/2006</p>