

## MATERIAL/CHEMICAL SAFETY DATA SHEET

### SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

#### Product Details

Product Name: Aluminum Oxide  
Cut-Off Wheels & Wafering Blades

Allied Item No.: 80-10000 through 80-50040

Chemical Name: Calendered Resin/Rubber and  
Resinoid Abrasive Cutting Wheels

#### Company Identification

Allied High Tech Products, Inc.  
2376 East Pacifica Place  
Rancho Dominguez, CA 90220  
(310) 635-2466

#### Contact Point

Transportation for United States  
Chemtrek (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 |             |
| Products MAY contain any of the following ingredients: |            |                        |          |             |
| Aluminum Oxide <95%                                    | 1344-28-1  | 10 mg/m3               |          | N           |
| Cured Phenolic Resin <20%                              | NA         | 10 mg/m3               |          | N           |
| Calcium Oxide <10%                                     | 1305-78-8  | 2 mg/m3                |          | N           |
| Iron Disulphide <20%                                   | 12068-85-8 | 2 mg/m3                |          | N           |
| Depolymerized Rubber <15%                              | 78-79-5    | NA                     |          | N           |
| Sulphur <15%   | 7704-34-9  | 10 mg/m3               |          | N           |
| Iron Oxide <20%  | 1309-38-2  | 5 mg/m3                |          | N           |
| Kryolith <20%  | 15096-52-3 | 2.5 mg/m3              |          | N           |

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

#### HMIS Ratings

Health: 0  
Flammability: 0  
Reactivity: 0

### SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview: Safety glasses, gloves, dust respirator are recommended.

Hazard Statement: Not listed as a carcinogen by IARC, NTP or OSHA.

### SECTION 4: FIRST AID MEASURES

|               | Potential Health Effects   | First Aid/ Medical Info.   |
|---------------|--|--|
| Eye Contact:  | Dusts generated during grinding may irritate eyes.   | Flush with large quantities of water seek medical attention.         |
| Skin Contact: | Excessive contact with dust may cause skin irritation.   | Wash affected areas with soap and water and seek medical assistance. |
| Inhalation:   | Prolonged exposure to grinding dust may cause respiratory problems or aggravate existing conditions. | Remove to fresh air.   |
| Ingestion:    | No known adverse effects.  | No harmful effects are expected.                                     |

Note: Cutting operations may generate high noise levels. Sufficient ear protection should be sought if this condition exists.

### SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: NA, will not burn.

Fire Fighting Instruction: NA

Special Hazards: NA

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Use normal clean-up procedures. No special precautions required.

|  |   |
|--|---|
| <p><b>SECTION 7: HANDLING &amp; STORAGE</b></p>  | <p><b>SECTION 12: ECOLOGICAL INFORMATION</b></p>  |
| <p><u>Handling:</u> Avoid contact with eyes and skin. Use with adequate ventilation. Observe good housekeeping practices.</p> <p><u>Storage:</u> NA</p>  | <p>No information available.</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> Local exhaust system.</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> As desired.</p> <p><u>Eye Protection:</u> Safety glasses or goggles with side shields.</p> <p><u>Other:</u> Ear protection recommended. Eyewash and safety shower are recommended.</p>  | <p>Landfill in accordance to 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: Gray, brown, reddish brown, black<br/>                 Odor: May give off a rubber odor in use<br/>                 Solubility: NA<br/>                 Boiling Point: NA<br/>                 Melting Point: NA<br/>                 Flash Point: NA<br/>                 Vapor Pressure: NA<br/>                 Vapor Density: NA<br/>                 Evaporation Rate: NA<br/>                 Specific Gravity: 2.0-5.0<br/>                 Flammable Limits LEL: NA<br/>                 Flammable Limits UEL: NA</p> | <p>NA</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> Overspeed and unsafe use practices.</p> <p><u>Decomposition Products:</u> Dusts are generated by use. Use of coolants may produce other decomposition products.</p> <p><u>Hazardous Polymerization:</u> Will not occur.</p>   | <p>NA</p>   |
| <p><b>SECTION 11: TOXICOLOGICAL INFORMATION</b></p>  | <p><b>SECTION 16: OTHER INFORMATION</b></p>   |
| <p>NA</p>  | <p><b>Legend</b><br/>                 NAIF: No Applicable Information Found<br/>                 NA: Not Available/Applicable<br/>                 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> |
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