

SAFETY DATA SHEET

| SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  |   |                     |                        |
|--|---|---------------------|------------------------|
| Product Name:  |   |                     | [WHMIS Classification] |
| <b>Spiral Bands, Cross- Pad, Square Pad, 5- Point Pad, Overlap Disc, Slotted Disc, Body Cones, Tri- Tabs, Grit Sticks, Threaded Eye Let, Stars, Plain Cloth Discs- A/O, SC, Zirc, Cerm</b> |   |                     | Not applicable         |
| Product Use:<br>Grinding, Polishing metals or wood   |   |                     |                        |
| Distributor Name<br><b>Avalon Abrasives</b>  |   |                     |                        |
| Street Address   | City  | State               | Zip/Postal Code        |
| <b>1443 Gordon Road</b>  | <b>Lyndhurst</b>  | <b>Ohio</b>         | <b>44124</b>           |
| Emergency Telephone  |   | Fax Number          |                        |
| <b>440-564-7151</b>  |   | <b>866-860-1061</b> |                        |
| Date Prepared  | Contact   |                     | Phone Number           |
| <b>5/28/2015</b>   | <b>Anita Ferrando</b>   |                     | <b>440-564-7151</b>    |
| SECTION 2 - HAZARDS IDENTIFICATION   |   |                     |                        |
| Classification   | The product is classified not hazardous according to Reg. EC 1272/2008                      |                     |                        |
| Hazards to human   | No relevant hazards to human  |                     |                        |
| Hazards to the Environment   | No relevant hazards to the environment  |                     |                        |
| Physical or chemical hazards   | No relevant physical or chemical hazards  |                     |                        |
| SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS   |   |                     |                        |
| <b>Abrasive Materials</b>  |   |                     |                        |
| <b>Name</b>  | <b>CAS</b>  |                     |                        |
| Silicon Carbide  | 409-21-2  |                     |                        |
| Aluminum Oxide   | 1344-28-1   |                     |                        |
| Zirconium Oxide  | 1314-23-4   |                     |                        |
| Ceramic Alumina  | 1344-28-1   |                     |                        |
| Glue   | Proprietary   |                     |                        |
| Each abrasive product contains a combination of the above components per spec and do not contain ingredients that are hazardous as defined by OSHA.  |   |                     |                        |
| SECTION 4 - FIRST AID MEASURES   |   |                     |                        |
| Skin Contact   | No harmful effects known  |                     |                        |
| Eye Contact  | Rinse opened eye for several minutes under running water and seek medical advice if needed. |                     |                        |
| Dust Inhalation  | Remove from exposure; Seek medical advice if symptoms persist.                              |                     |                        |
| Ingestion  | Not likely due to form of product. If necessary drink water and seek medical advice.        |                     |                        |

| <b>SECTION 5 - FIRE FIGHTING MEASURES</b>   |   |  |                 |
|---|---|--|-----------------|
| Flammable<br>Yes  | If yes, under which conditions?<br>Direct Flame                         |  |                 |
| Means of Extinction<br>Water, foam, sand, powder, or CO <sub>2</sub> if compatible with operating conditions.           |   |  |                 |
| Flashpoint (°C) and Method<br>Not applicable  | Upper Flammable Limit (% by volume)<br>Not applicable                   | Lower Flammable Limit (% by volume)<br>Not applicable            |                 |
| Auto Ignition Temperature (°C)<br>Not applicable  | Explosion Data - Sensitivity to Impact<br>Not applicable                | Explosion Data-Sensitivity to Static Discharge<br>Not applicable |                 |
| Hazardous Combustion Products<br>Toxic fumes may occur  |   |  |                 |
| (NFPA)  |   |  |                 |
| <b>SECTION 6 - ACCIDENTAL RELEASE MEASURES</b>  |   |  |                 |
| Leak and Spill Procedures   | Not Applicable  |  |                 |
| <b>SECTION 7 - HANDLING AND STORAGE</b>   |   |  |                 |
| Handling Procedures and Equipment   | Follow Instructions and relevant national, state and local regulations. |  |                 |
| Storage Requirements  | Follow Instructions and relevant national, state and local regulations. |  |                 |
| <b>SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION</b>   |   |  |                 |
| Exposure Limits   | ACGIH TLV   | OSHA PEL   | Other (Specify) |
| Specific Engineering Controls (such as ventilation, enclosed process)   |   | Not Applicable   |                 |
| Personal Protective Equipment   | Gloves  | Respirator   | Eye             |
| If checked, please specify type:  |   |  |                 |
| Wear adequate eye protection. Wear adequate respirator for application. Wear adequate glove protection for application. |   |  |                 |
| <b>SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES</b>   |   |  |                 |
| Physical State<br>Solid   | Odor and Appearance<br>Not Applicable                                   | Odor Treshold (ppm)<br>Not Applicable                            |                 |
| Specific Gravity<br>Not Applicable  | Vapor Density (air = 1)<br>Not Applicable                               | Vapor Pressure (mmHg)<br>Not Applicable                          |                 |
| Evaporation Rate<br>Not Applicable  | Boiling Point (°C)<br>Not Applicable                                    | Freezing Point (°C)<br>Not Applicable                            |                 |
| pH<br>Not Applicable  | Coefficient of Water/Oil Distribution<br>Not Applicable                 |  |                 |
| <b>SECTION 10 - STABILITY AND REACTIVITY</b>  |   |  |                 |
| Chemical Stability<br>Yes   | If no, under which conditions?  |  |                 |
| Incompatibility with Other Substances<br>No   | If yes, which ones?   |  |                 |
| Reactivity and under what conditions?   |   |  |                 |
| Not Applicable  |   |  |                 |
| Hazardous Decomposition Products  |   |  |                 |

| <b>SECTION 11 - TOXICOLOGICAL INFORMATION</b>  |  |
|--|--|
| Effects of Acute Exposure<br><b>Not Applicable</b>   |  |
| Effects of Chronic Exposure<br><b>Not Applicable</b>   |  |
| Irritancy of Product<br><b>Not Applicable</b>  |  |
| Skin Sensitization<br><b>Not Determined</b>  | Respiratory sensitization<br><b>Not Determined</b> |
| Carcinogenicity - IARC<br><b>Not Determined</b>  | Carcinogenicity - ACGIH<br><b>Not Determined</b>   |
| Reproductivity Toxicity<br><b>Not Determined</b>   | Teratogenicity<br><b>Not Determined</b>            |
| Embrototoxicity<br><b>Not Determined</b>   | Mutagenicity<br><b>Not Determined</b>              |
| Name of synergistic products/effects<br><b>Not Determined</b>  |  |
| <b>SECTION 12 - ECOLOGICAL INFORMATION</b>   |  |
| (Aquatic Toxicity)<br>Follow instructions and relevant national, state and local regulations.  |  |
| <b>SECTION 13 - DISPOSAL CONSIDERATIONS</b>  |  |
| Waste Disposal<br>Follow instructions and relevant national, state and local regulations.  |  |
| <b>SECTION 14 - TRANSPORT INFORMATION</b>  |  |
| Special Shipping Information<br><b>Not Applicable</b>  |  |
| PIN  |  |
| TDG  | [DOT]  |
| [IMO]  | [ICAO]   |
| <b>SECTION 15 - REGULATORY INFORMATION</b>   |  |
| [WHMIS Classification]<br><b>Not Applicable</b>  | [OSHA]<br><b>Not Applicable</b>                    |
| [SERA]<br><b>Not Applicable</b>  | [TSCA]<br><b>Not Applicable</b>                    |
| This product has been classified in accordance with the hazard criteria of the<br>Controlled Products Regulations (CPR) and the MSDS contain all of the information required by CPR. |  |
| <b>SECTION 16 - OTHER INFORMATION</b>  |  |
| Observe proper operating speeds.   |  |