



# MATERIAL SAFETY DATA SHEET

## Section 1 - Product and Company Identification

**Product Name:** Abrasives: Spiral Bands, Sleeves, Flapwheels, Cartridge Rolls, Quick Change Discs, Belts, Discs-PSA & Non-PSA, Cross Pads, Square Pads, Resin Cloth Cones, Chamfer Cones, Slotted and Unslotted Discs, Sheets, Resin Fiber Discs, Sanding Sponges, Center Laps, Rolls, Abrasive Stars, Mini Flap Discs.

**Manufacturer:** Dynabrade Inc., 8989 Sheridan Drive, Clarence, NY 14031-1490, Phone°(716) 631-0100, FAX°(716) 631-2073, U.S. Consumers Call Toll Free 1-888-396-2272

## Section 2 - Hazard Ingredients/Identity Information

| Ingredient      | OSHA PEL             | ACGIH TLV            | Other Limits Recommended |
|-----------------|----------------------|----------------------|--------------------------|
| Silicon Carbide | 15 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> | N/A                      |
| Aluminum Oxide  | 15 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> | N/A                      |
| Garnet          | 15 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> | N/A                      |
| Ceramic Alumina | 15 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> | N/A                      |
| Zirconium Oxide | 15 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> | N/A                      |
| Paper Backing   | NONE                 | NONE                 | N/A                      |
| Cloth Backing   | NONE                 | NONE                 | N/A                      |
| Fiber Backing   | NONE                 | NONE                 | N/A                      |
| Cured Adhesive  | NONE                 | NONE                 | N/A                      |

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 3 - Physical/Chemical Characteristics

**Specific Gravity (H<sub>2</sub>O = 1):** N/A

**Vapor Pressure (mm Hg.):** N/A

**Appearance and Color:** Cloth, paper or fiber coated with abrasive material.

**Vapor Density (Air = 1):** N/A

**Water Solubility:** N/A

**Boiling Point:** N/A

**Melting Point:** N/A

**Evaporation Rate (Butyl Acetate = 1):** N/A

## Section 4 - Fire and Explosion Hazard Data

**Flash Point:** N/A  
**Flammable Limits:** LEL: N/A, UEL: N/A  
**Extinguishing Media:** Water, CO<sub>2</sub>, foam, dry chemical  
**Unusual Fire or Explosion Hazards:** None  
**Special Fire Fighting Procedures:** None

## Section 5 - Reactivity Data

**Stability:** Stable  
**Conditions to Avoid:** N/A  
**Hazardous Polymerization:** Will not occur N/A  
**Chemical Incompatibilities:** N/A  
**Hazardous Decomposition Products:** Decomposition or Byproducts: In use dust & 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.

## Section 6 - Health Hazard Data

### Route(s) of Entry

**Inhalation:** Dust-during use.  
**Skin:** Not absorbed through skin.  
**Ingestion:** Dust.  
**Carcinogenicity:** NTP? NA, LARC Monographs? NA, OSHA Regulated? NA  
**Signs and Symptoms of Exposure:** Coughing, shortness of breath, irritation of the eyes. During use on some materials elevated sound levels may be created which effect hearing.  
**Medical Conditions:** Generally aggravated by exposure: NA  
**Emergency and First Aid Procedures:** Remove to fresh air, apply artificial respiration as needed. For eyes — wash with large amounts of water. OBTAIN FIRST AID OR MEDICAL ASSISTANCE IF NEEDED.

## Section 7 — Precautions for Safe Handling and Use

**Steps to be taken in case material is released or spilled:** Normal clean-up procedures.  
**Waste Disposal Method:** Standard landfill methods consistent with applicable Federal, State and Local Laws.  
**Precautions to Be taken in Handling and Storage:** Handle with adequate ventilation. See OSHA 29CFR1910.94 (Ventilation) and OSHA 29CFR1910.1000 (Air Contaminates).  
**Other Precautions:** Normal Use — Handle with adequate ventilation. See OSHA 29CFR1910.94 (Ventilation) & OSHA 19CFR1910.0000 (Air Contaminates), OSHA CFR1910.213 (P) Sanding Machines.

## Section 8 — Control Measures

**Respiratory Protection:** As needed, approved dust respirator OSHA 24 CFR1910-134  
**Ventilation:** Local Exhaust: Recommended, Special: NA  
 Mechanical (General): Recommended, Other: NAIF  
**Protective Gloves:** As desired by user.  
**Eye Protection:** OSHA 29CFR1910.133 (Face & Eye Protection)  
**Other Protective Clothing or Equipment:** As needed, hearing protection — OSHA 29CFR1910.215 (Hearing Protection)  
**Work/Hygienic Practices:** N/A Recommended