



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 ³	10 mg/m ³	N/A
Aluminum Oxide	15 mg/m ³	10 mg/m ³	N/A
Garnet	15 mg/m ³	10 mg/m ³	N/A
Ceramic Alumina	15 mg/m ³	10 mg/m ³	N/A
Zirconium Oxide	15 mg/m ³	10 mg/m ³	N/A
Paper Backing	NONE	NONE	N/A
Cloth Backing	NONE	NONE	N/A
Fiber Backing	NONE	NONE	N/A
Mesh 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 (H₂O = 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, CO₂, 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