



MATERIAL SAFETY DATA SHEET CONFORMS TO FORM OSHA-20 SANDPAPER

SECTION 1 - NAME AND ADDRESS

Name & Address GRABBER 205 Mason Circle Concord, CA 94520	Emergency Telephone Number 1-800-477-8876
Chemical Name & Synonyms: Aluminum Oxide, Silicon Carbide or Alumina Zirconia	Trade Name & Synonyms: Coated Abrasive Products
Chemical Family: Oxide Resin	Formula: Aluminum Oxide, Silicon Carbide or Aluminum Zirconia (range up to 50%) Cured Phenolic and Other Cured Resin

SECTION 2 - HAZARDOUS INGREDIENTS

Ingredients:	CAS #	Carcinogen	TLV
Aluminum Oxide	1344.28.1	No	10mg/cubic meter
Silicon Carbide	409.21.2	No	10mg/cubic meter
Alumina Zirconia	1314.23.4	No	10mg/cubic meter
Cured Resin	N/A	No	10mg/cubic meter

SECTION 3 - PHYSICAL DATA

Boiling Point (degrees F.)	N/A
Melting Point	N/A
Vapor Pressure (mm HG)	N/A
Vapor Density (Air = 1)	N/A
Solubility in Water	Not soluble
Solubility in Alcohol	N/A
Specific Gravity (H2O = 1)	N/A
Percentage Volatiles by Volume (%)	Zero
Evaporation Rate (_____ = 1)	N/A
Appearance and Odor	Paper, cloth or fiber coated with abrasive grain, odorless

SECTION 4 - FIRE & EXPLOSION HAZARD DATA

Flash Point (Method Used)	N/A
Flammable Limits	N/A
Extinguishing Media	Any proper fire-fighting material can be used.
Special Fire Fighting Procedures	Backing and resin binder will burn or decompose; use respiratory protection.
Unusual Fire and Explosion Hazard	N/A

SECTION 5 - HEALTH HAZARD DATA

Primary Route(s) of Entry Inhalation (Dust)	Health Effects and Effects of Overexposure Acute: may cause coughing shortness of breath. Chronic: may affect breathing capacity	First Aid and Medical Information Remove to fresh air, apply artificial respiration as needed. Obtain first aid or medical assistance.
Ingestion	No known adverse effects but ingestion not recommended.	Obtain first aid or medical assistance, if needed.
Skin	Not absorbed through skin; may cause abrasions	Obtain first aid or medical assistance, if needed.
Eye Contact	Dust may irritate eyes	Wash with large amount of water. Obtain medical assistance, if needed
Other Potential Health Risks	During use on some materials, elevated sound levels may be created which affect hearing.	Obtain medical assistance

SECTION 6 - REACTIVITY DATA

Stability	Very stable
Conditions to Avoid	None known
Incompatibility (Materials to Avoid)	None
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	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.

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled	Normal clean up procedures. Vacuum dust.
Waste Disposal Method	Standard landfill methods consistent with applicable federal, state and local regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	MSHA or NOISH approved dust respiratory is required. OSHA 24 CFR1910.134
Ventilation	Exhaust system with proper filtration should be used. Keep air below TLV
Protective Gloves	As desired by end user
Eye Protection	Required, see OSHA 29CFR1910.133 (face & eye protection)
Other Protective Equipment	Hearing protection, see OSHA 29CFR1910.215 (hearing protection)
All recommendations per ANSI 37.1 Safety Guidelines	

SECTION 9 - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage	Handle with adequate ventilation. See OSHA 29CFR1910.94 (Ventilation) and OSHA 29CFR1910.1000 (Air Contaminates)
Normal Use	Handle with adequate ventilation. See OSHA 29CFR1910.94 (Ventilation) and OSHA 29CFR1910.1000 (Air Contaminates) and OSHA CRF1910.213 (P) Sanding Machines.