



MATERIAL SAFETY DATA SHEET

Product Coated Abrasive

FILE NUMBER: 1000
MSDS DATE: 4/17/2008

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Coated Abrasive

SYNONYMS: Gator Grit, Gator Finishing Products, Red Resin, Black Zirconium, Finish 1st, Zip Sanding Products

MANUFACTURER: Ali Industries, Inc.

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Fairborn, OH 45324

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CHEMTREC International: (703) 527-3887

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>ACGIH TLV</u>	<u>PEL</u>	<u>STEL</u>
Iron Aluminum Silicate	12415-34-8	65% - Max	5mg/m3	15 mg/m3	
Aluminum Oxide	1344-28-1	65% - Max	5mg/m3	15 mg/m3	
Garnet	12178-41-5	65% - Max	5mg/m3	15 mg/m3	
Zirconium Oxide	1314-23-4	65% - Max	5mg/m3	15 mg/m3	
Silicon Carbide	409-21-2	65% - Max			
Cloth, Paper or Coated Paper Backing		30% - Max			
Cured Urea Resin		25% - Max			
Cured Phenolic Resin		25% - Max			
Calcium Silicate	1344-95-2	12.5% - Max			
Alkyl Ether Phosphate		2% - Max			

SECTION 3: HAZARDS IDENTIFICATION

ACUTE HEALTH HAZARDS:

Dust Hazards: Dust generated from intended use may be irritating to the eyes and respiratory tract at high concentrations.

Noise Hazards: Some grinding/sanding operations may cause noise or vibration irritation. Ear protection is recommended.

Ingestion Hazards: Ingestion not recommended. No known adverse effects.

CHRONIC HEALTH HAZARDS:

Dust Hazards: Prolonged exposure to dust may affect breathing capacity or aggravate existing respiratory conditions. Dust may contain trace amounts of phenol and/or formaldehyde which under excessive exposure may cause skin sensitization and airway obstruction. Excessive exposure to products containing inorganic fluorides has been shown to increase bone density.

SECTION 4: FIRST AID MEASURES

EYES: Flush with water for at least 15 minutes and seek medical attention if irritation persists.

SKIN: Wash affected area with soap and water. Get medical attention if condition persists.

INGESTION: Call poison control center, hospital emergency room, or a physician immediately.

INHALATION: Remove to fresh air. If breathing has stopped, get medical attention immediately and give artificial respirations.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: Non-Combustible

EXTINGUISHING MEDIA: Use appropriate extinguisher for ignited materials. No special extinguishing media needed for this product.

SPECIAL FIRE FIGHTING PROCEDURES: None

IGNITION/ EXPLOSION HAZARDS: This product is NOT combustible, however, consideration should be given to the ignition/explosion potential of the material being processed. Many materials create flammable or explosive dust when sanded, machined or ground.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Clean-Up: Follow normal clean-up procedures. Notify authorities as required by local, state and federal regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: ALWAYS allow adequate ventilation when sanding, machining or grinding. AVOID breathing dust. ALWAYS consider potential hazards of exposure to materials being processed. Refer to OSHA's substance specific standards for additional work practice requirements where applicable.

Store in a dry location.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION : Local exhaust ventilation is recommended when general ventilation is not keeping the airborne concentration below the Threshold Limit Values (TLV).

RESPIRATORY PROTECTION: Respirators are required when airborne contaminant levels exceed TLV. Refer to OSHA's specific standards for lead, cadmium, etc. where appropriate. Select and use respirators in accordance with OSHA 1910.134.

EYE PROTECTION: ALWAYS wear eye protection or a face shield.

HAND PROTECTION: Protective gloves are recommended.

OTHER: Use of this product may create elevated sound levels. Hearing protection should be worn where required. (See OSHA 29 CFR 1910.134 and other applicable regulations.)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid
COLOR/APPEARANCE: Various/Abrasive coated Cloth or Paper
ODOR: N/A
pH: N/A
BOILING/COND. POINT: N/A
MELTING/FREEZING POINT: N/A
SOLUBILITY: Insoluble
EVAPORATION RATE: N/A
VOC%: N/A
PERCENT VOLATILE: N/A
MOLECULAR FORMULA: N/A
VISCOSITY: N/A
VAPOR DENSITY: N/A
VAPOR PRESSURE: N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

POLYMERIZATION: Will NOT occur.

INCOMPATIBILITY: Avoid acids of all types with a pH < 4.0.

DECOMPOSITION: In use, dust and decomposing odors may be generated. In most cases, the material removed from the work place will be significantly greater than the abrasive components. Coolants may produce other decomposition products.

THERMAL DECOMPOSITION: For products containing phenol and formaldehyde resin, thermal decomposition may produce trace amounts of phenol and formaldehyde. For products containing inorganic fluorides, thermal decomposition may produce trace amounts of fluorides.

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICITY: None of the components are listed as a carcinogen or potential carcinogen by OSHA, NTP or IARC.

LD50/LC50: Values are not appropriate or available.

SECTION 12: ECOLOGICAL INFORMATION

CHEMICAL FATE: Not Applicable

This product is not expected to be hazardous for the environment. No specific eco-toxicity data is available for this product.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Observe local, state, and federal regulations for disposal.

SECTION 14: TRANSPORT INFORMATION

DOT Hazardous Materials Description

Proper Shipping Name: Not regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

SECTION 15: REGULATORY INFORMATION

SARA Section 313: Not Applicable

California Proposition 65: WARNING You create dust when you cut, sand, drill or grind materials such as wood, paint, cement, masonry or metal. This dust can contain chemicals known to cause cancer, birth defects or other reproductive harm.

TSCA: Section 8 (b) - Inventory Status

All components of this product are registered under the regulations of the Toxic Substance Control Act.

WHMIS : Not a controlled product.

Domestic Substance List: All components of this product are found on the Domestic Substance List.

SECTION 16: OTHER INFORMATION

DISCLAIMER: The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, Ali Industries, Inc. makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.

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