



SAFETY DATA SHEET

SECTION 1 - Identification of the Product and Company

1.1 Product Name Coated Abrasives - Belts, Discs, Rolls, Sheets, Specialties
1.2 Product Use Sanding and Finishing

1.3 Company Details: Global Abrasive Products

Address: 62 Mill Street
Lockport, NY 14094
Phone: 1-716-438-0047
Fax: 1-716-438-9931

SECTION 2 - Hazard Information

2.1 Precautionary statements

Normal use - Handle with adequate ventilation. See OSHA 29CFR1910.94 (Ventilation), OSHA 19CFR1910.000 (Air Contaminates), and OSHA CFR1910.213 (P) Sanding Machines

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200

2.2 Description of Hazards

Respiratory: Coughing, shortness of breath
Eyes: Irritation
Hearing: During use on some materials, elevated sound levels may be created which effect hearing
Label Elements - Not Applicable for: Signal Word, Symbols, Pictograms, Notes to Physician

2.3 Hazards not otherwise classified

None

SECTION 3 - Composition

<u>Ingredient</u>	<u>% Weight</u>	<u>Cas #</u>
Silicon Carbide	0-50	409-21-2
Aluminum Oxide	0-50	1344-28-1
Garnet	0-30	12178-41-5
Ceramic Alumina	0-30	1344-28-1
Zirconium Oxide	0-30	1314-23-4
Paper Backing	20-65	N/A
Cloth Backing	15-55	N/A
Fibre Backing	35-70	N/A
Mesh Backing	15-55	N/A
Cured Adhesive	5-40	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.



SAFETY DATA SHEET

SECTION 4-First Aid

4.1 First Aid for exposure

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.

4.2 Signs and Symptoms of Exposure

Route(s) of Entry: Inhalation: Dust during use
Skin: Not absorbed through skin
Ingestion: Dust

Respiratory: Coughing, shortness of breath

Eyes: Irritation

Hearing: During use on some materials, elevated sound levels may be created which effect hearing

SECTION 5 - Fire Fighting Measures

- 5.1 **Means Of Extinction:** Water, CO₂, foam, dry chemical
- 5.2 **Unusual Fire or Explosion Hazards:** None
- Flammable Properties:** None
- 5.3 **Special Fire Fighting Procedures:** None

SECTION 6 - Accidental Release Measures

- 6.1 **Personal precautions, protective equipment and emergency procedures**
Observe precautions from other sections
- 6.2 **Enviornmental precautions**
Avoid release to the enviornment
- 6.3 **Methods and materials for containment and clean up**
Sweep up. Place in container for disposal as required by the appropriate authorities

SECTION 7- Storage, Handling and Use Procedures

- 7.1 **Handling:** Handle with adequate ventilation. See OSHA 29CFR1910.94 (Ventilation) and OSHA 29CFR1910.1000 (Air Contaminates).
- 7.2 **Storage:** Handle with adequate ventilation. See OSHA 29CFR1910.94 (Ventilation) and OSHA 29CFR1910.1000 (Air Contaminates).



SAFETY DATA SHEET

SECTION 8- Personal Protective Control Measures

8.1 Exposure limits

Chemical	OSHA PEL	ACGIH TLV
Silicon Carbide	15mg/m ³	10mg/m ³
Aluminum Oxide	15mg/m ³	10mg/m ³
Garnet	15mg/m ³	10mg/m ³
Ceramic Alumina	15mg/m ³	10mg/m ³
Zirconium Oxide	15mg/m ³	10mg/m ³
Cured Resin or Urea	None established	None established
Calcium Carbinat	15mg/m ³	None established
Calcium Sulfate	15mg/m ³	None established
Calcium Steratate	None established	None established
Potasium Fluoroborate	2.5mg/m ³	2.5mg/m ³
Cryolite (as fluorides)	2.5mg/m ³	2.5mg/m ³
Cotton or Polyester	None established	None established
Paper Backing	15mg/m ³	None established
Fiber	15mg/m ³	None established

8.2 Personal protection requirements and referrals

Respiratory:	As needed, approved dust respiratory OSHA 24CFR1910.134
Ventilation:	Local exhaust: Recommended. Mechanical (general): Recommended.
Protective Gloves:	Select and use gloves and/or protective equipment as a result of an exposure assessment
Eye Protection:	Safety glasses with side sheilds - OSHA 29CFR1910.133
Hearing Protection:	As needed. OSHA 29CFR1910.215
Body Protection:	N/A
Hygienic Practices:	N/A

SECTION 9- Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR=1)	N/A	Evaporation Rate	N/A
Solubility in Water	N/A		
Lower And Upper Explosion Limits			
Flammable Limits	LEL:N/A UEL: N/A		
Flash Point	Non-Combustible	Degradation Temperature	N/A
Appearance and Odor	Cloth, paper or fibre coated with abrasive material		



SAFETY DATA SHEET

SECTION 10 - Stability and Reactivity Data

Chemical Stability:	Stable
Incompatibility:	None known
Hazardous Decomposition or Byproducts:	None known
Reactivity:	This material is considered to be non reactive under normal use conditions
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	N/A

SECTION 11 - Toxicological Data

HEALTH HAZARDS

Ingestion:	None expected under normal use conditions.
Inhalation:	Dust from grinding may cause respiratory irritation
Skin Contact:	Mechanical irritation by rubbing product across skin may cause abrasions, redness, pain and itching
Eye Contact:	Dust particles may cause abrasive injury to the eyes
Sensitization:	This material is not know to cause sensitization
Chronic:	Long exposure to dust during use may cause lung damage with symptoms of coughing and shortness of breath. Chronic effects may be aggravated by smoking.
Carcinogenicity:	Not determined
Germ Cell Mutagenicity:	Not determined
Reproductive Toxicity:	Not determined
Specific Target organ (single exposure):	Not determined
Specific Target organ (repeat exposure):	Not determined
Aspiration Hazard:	Not determined

Route(s) of Entry and symptoms of exposure

See section 4.2

Section 12-Ecological Information

Aquatic and Terrestrial ecotoxicity:	Not determined
Persistence and degradability:	Not determined
Bioaccumulative potential:	Not determined
Mobility in soil:	Not determined
Other adverse effects:	Not determined

Section 13-Disposal Considerations

Standard landfill methods consistent with applicable local, regional, national, international regulations
Prior to disposal, consult all applicable authorities and regulations to insure proper classification. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.



SAFETY DATA SHEET

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

Industrial Safety and health Act : N/A
Toxic Chemical Control: N/A
Dangerous Material Safety Control Act: N/A

Section 16-Other Information

SDS Revision Date: June 16 2014
Reason for Update: Mandated Update
Preparation By: John Sidebottom

Disclaimer

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