



## 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: Shark Industries**

**Address:** 6700 Bleck Drive  
 Rockford, MN 55373  
**Phone:** 800-537-4275  
**Fax:** 763-565-1901

### 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, CO<sub>2</sub>, 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 <sup>3</sup>	10mg/m <sup>3</sup>
Aluminum Oxide	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Garnet	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Ceramic Alumina	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Zirconium Oxide	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Cured Resin or Urea	None established	None established
Calcium Carbinat	15mg/m <sup>3</sup>	None established
Calcium Sulfate	15mg/m <sup>3</sup>	None established
Calcium Steratate	None established	None established
Potasium Fluoroborate	2.5mg/m <sup>3</sup>	2.5mg/m <sup>3</sup>
Cryolite (as fluorides)	2.5mg/m <sup>3</sup>	2.5mg/m <sup>3</sup>
Cotton or Polyester	None established	None established
Paper Backing	15mg/m <sup>3</sup>	None established
Fiber	15mg/m <sup>3</sup>	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 shields - 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 known 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:** 04/29/2015

**Reason for Update:** Mandated Update

### Disclaimer

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