

**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**

Ingredient % Weight

Cas #

|  |  |  |
| --- | --- | --- |
| 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.



**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: Ingestion: | Not absorbed through skin  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 |
| **7.2** | Storage: | 29CFR1910.1000 (Air Contaminates).  Handle with adequate ventilation. See OSHA 29CFR1910.94 (Ventilation) and OSHA |
|  |  | 29CFR1910.1000 (Air Contaminates). |



|  |  |  |  |
| --- | --- | --- | --- |
|  | **SECTION 8- Personal Protective Control Measures** |  | |
| **8.1 Exposure limits** |  |
| Chemical | OSHA PEL |  | ACGIH TLV |
| Silicon Carbide Aluminum Oxide Garnet  Ceramic Alumina  Zirconium Oxide | 15mg/m3  15mg/m3  15mg/m3  15mg/m3  15mg/m3 |  | 10mg/m3  10mg/m3  10mg/m3  10mg/m3  10mg/m3 |
| Cured Resin or Urea | None established |  | None established |
| Calcium Carbinate | 15mg/m3 |  | None established |
| Calcium Sulfate | 15mg/m3 |  | None established |
| Calcium Steratate | None established |  | None established |
| Potasium Fluoroborate | 2.5mg/m3 |  | 2.5mg/m3 |
| Cryolite (as fluorides) | 2.5mg/m3 |  | 2.5mg/m3 |
| Cotton or Polyester | None established |  | None established |
| Paper Backing | 15mg/m3 |  | None established |
| Fiber | 15mg/m3 |  | 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 Flash Point Appearance

LEL:N/A UEL: N/A Non-Combustible

Degradation Temperature N/A

and Odor

Cloth, paper or fibre coated with abrasive material



**SECTION 10 - Stability and Reactivity Data**

Chemical Stability:

Incompatibility:

Hazardous Decomposition or Byproducts:

Reactivity:

Stable

None known

None known

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: Inhalation: Skin Contact: Eye Contact: Sensitization: Chronic:

None expected under normal use conditions.

Dust from grinding may cause respiratory irritation

Mechanical irritation by rubbing product across skin may cause abrasions, redness, pain and itching

Dust particles may cause abrasive injury to the eyes

This material is not known to cause sensitization

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.



**DOT Hazardous Materials Description:**

**Section 14-Transport Information**

**Proper Shipping Name: UN Number:**

**Hazard Class/Packing Group**

**Labels required:**

**Industrial Safety and health Act : Toxic Chemical Control:**

Not Regulated

None None None

**Section 15-Regulatory Information**

N/A N/A

**Dangerous Material Safety Control Act:**

N/A

**Section 16-Other Information**

**SDS Revision Date:** 04/29/2015

**Reason for Update:** Mandated Update

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