

# Virginia Abrasives Corporation

## SAFETY DATA SHEET

### SECTION 1 - Identification of the Product and Company

1.1 Product Name	Floor Sanding Sheets, Rolls, and Belts, Edger Discs, and Large Diameter Sanding Discs
1.2 Product Use	Sanding, Cleaning, and Finishing
1.3 Company Details:	Virginia Abrasives
Address:	2851 Service Road Petersburg, VA 23805
Phone:	(800) 446-1805
Fax:	(800) 422-5336

### SECTION 2 - Hazard Information

#### 2.1 Precautionary statements

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

No applicable hazard labels, signal words or pictograms

Sanding dusts may cause irritation, coughing, shortness of breath. May affect breathing capacity.

Determine the hazard potential of materials being abraded by referring to MSDS or SDS for associated materials.

### SECTION 3 - Composition (may contain one or more of the following ingredients)

<u>Ingredient</u>	<u>Formula</u>	<u>% Weight</u>	<u>OSHA 8 hr PEL</u>	<u>Cas #</u>
Aluminum Oxide		0-50%	15 mg/m <sup>3</sup>	CAS 1344-28-1
Silicon Carbide		0-50%	15 mg/m <sup>3</sup>	CAS 409-21-2
Alumina Zirconia		0-30%	5 mg/m <sup>3</sup> (as zirconia)	CAS 1314-23-4
Cured Phenol Formaldehyde Resin		5-30%	15 mg/m <sup>3</sup>	NA
Cured Urea Formaldehyde Resin		5-30%	15 mg/m <sup>3</sup>	NA
Limestone		0-25%	15 mg/m <sup>3</sup>	CAS 001317-65-3
Kaolin Clay		0-15%	15 mg/m <sup>3</sup>	CAS 1332-58-7
Cotton or Polyester Cloth or paper backing		0-30%	NA	NA
Cryolite		0-10%	2.5 mg/m <sup>3</sup>	CAS 15096-52-3

### SECTION 4-First Aid

**4.1 First Aid for exposure**

Remove to fresh air, apply artificial respiration if needed. In case of eye contact, flush with large amounts of water. Obtain medical assistance if needed.

**4.2 Signs and Symptoms of Exposure**

Skin or eye irritation, coughing, shortness of breath.

**SECTION 5 - Fire Fighting Measures**

- 5.1 Means Of Extinction: Water, CO2 or Dry Chemical fire extinguisher
- 5.2 Unusual Fire or Explosion Hazards: None  
Flammable Properties: Does not readily support combustion
- 5.3 Special Fire Fighting Procedures: No special procedures required

**SECTION 6 - Accidental Release Measures**

Not Applicable

**SECTION 7- Storage, Handling and Use Procedures**

- 7.1 Handling: Standard industrial practices apply
- 7.2 Storage: Keep abrasive products dry. Avoid temperature and humidity extremes.

<b>SECTION 8- Personal Protective Control Measures</b>
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**8.1 Exposure limits**

<u>Chemical</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Aluminum Oxide	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Silicon Carbide	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> (inhalable fraction)
Alumina Zirconia	5 mg/m <sup>3</sup> (as zirconia)	Not established
Cured Phenol Formaldehyde Resin	15 mg/m <sup>3</sup>	Not established
Cured Urea Formaldehyde Resin	15 mg/m <sup>3</sup>	Not established
Limestone	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Kaolin Clay	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Cotton or Polyester Cloth or paper backing	NA	Not established
Cryolite	2.5 mg/m <sup>3</sup>	2.5 mg/m <sup>3</sup>

**8.2****Respiratory Protection:**

Use NIOSH approved respirator if exposure limits are exceeded or where dust exposures are excessive. Consider the potential for exposure to components of the coatings or base material being abraded or prepared in selecting proper respiratory protection. Refer to OSHA's specific standards for lead, cadmium, which may be found in coatings and material being abraded. Selection of respiratory protection depends on the contaminant type, form and concentration. Select and use respirators in accordance with OSHA 1910.134 and prudent industrial hygiene practice.

**Ventilation:**

Use local exhaust or general ventilation as required to minimize exposure to dust and maintain levels of contaminants lower than the established threshold limit values.

**Protective Gloves:**

Cloth, leather or gloves to protect from abrasion and heat generated during grinding.

**Eye Protection:**

Safety glasses with side shields or goggles are recommended.

**Hearing Protection:**

Recommended when power tools are in use.

**Body Protection:**

Recommended when power tools are in use.

**Hygienic Practices:**

Use soap and water to remove dusts from person prior to eating or drinking. Protect food, drink and other consumables from dust contamination.

<b>SECTION 9- Physical/Chemical Characteristics</b>			
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<b>Boiling Point</b>	Not Applicable	<b>Specific Gravity</b>	Heavier than water
<b>Vapor Pressure</b>	(mm Hg.) Not Applicable	<b>Melting Point</b>	Not Applicable
<b>Vapor Density</b>	(AIR=1) Not Applicable	<b>Evaporation Rate (Butyl Acetate=</b>	Not Applicable
<b>Solubility in Water</b>		<b>Appearance</b>	
Paper backing disintegrates in water		Cloth or paper coated with abrasive material. In various forms including sheets, discs or belts.	
<b>Lower And Upper Explosion Limits</b>	Not Applicable	<b>Odor</b>	Not Applicable
<b>Flammable Limits</b>	Not Applicable	<b>Degradation Temperature</b>	Not Established
<b>Flash Point</b>	Not Applicable		

<b>SECTION 10 - Stability and Reactivity Data</b>
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**Stability:** Stable

**Incompatibility:** None known.

**Hazardous Decomposition Products:** Dust from sanding could contain ingredients listed in Section 2 and other, potentially more hazardous components of the base material being sanded or coatings applied to the base material.

**Hazardous Polymerization:** Will not occur.

<b>SECTION 11 - Toxicological Data</b>
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**11.1 Component information**

**Ingestion:** None expected under normal use conditions. Swallowing large pieces may cause obstruction.

**Eye:** Dust may cause eye irritation. Dust or abrasive particles may cause abrasive injury to the eyes.

**Skin:** None expected under normal use conditions. Contact with skin may cause removal of skin (abrasions).

**Sensitization:** Not expected under normal use conditions.

**Chronic:** Long term overexposure to dust may cause lung damage, decrease in lung function. Elevated noise levels from power equipment and other machinery may result in hearing loss. A significant toxicological hazard is presented by potentially hazardous materials being removed or abraded.

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

**11.2 Route(s) of Entry and symptoms of exposure**

See section 4.2

**Section 12-Ecological Information**

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

**Section 13-Disposal Considerations**

Dispose in accordance with all applicable local, state/provincial and federal regulations.

**Section 14-Transport Information**

**DOT Hazardous Materials Description** Not Applicable

**Proper Shipping Name:** Not Regulated

**UN Number:** None

**Hazard Class/Packing Group:** None

**Labels Required:** None

**Section 15-Regulatory Information**

**SARA Section 311/312 Hazard Categories:** 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 often contains chemicals known to cause cancer, birth defects or other reproductive harm.

**Canadian WHMIS Classification:** Not a controlled product. This product meets the definition of a "manufactured article" under the WHMIS regulations.

**Section 16-Other Information**

**SDS Revision Date:** 1/14/15

**Reason for Update:** Format change

**Preparation By:** Karl Stafflinger

**COMPANY USE**