

# FLEXOVIT USA INC.

## SAFETY DATA SHEET

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

1.1 Product Name Sanding Belts  
1.2 Product Use Sanding and Finishing  
1.3 Company Details: **Flexovit Abrasives Inc.**  
Address: 1305 Eden-Evans Center Rd.  
Angola, NY 14006  
Phone: 1-716-549-5100  
Fax: 1-716-549-4078

### 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

#### 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

### SECTION 3 - Composition

<u>Ingredient</u>	<u>Formula</u>	<u>% Weight</u>	<u>OSHA Regulated</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		0-50		1344-28-1
Zirconium Oxide		0-50		1314-23-4
Paper Backing		20-65		NONE
Cloth Backing		10-65		NONE
Fibre Backing		35-70		NONE
Mesh Backing		10-30		MIXTURE
Cured Adhesive		5-40		MIXTURE

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: 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:

**5.3** Special Fire Fighting Procedures: None

## SECTION 6 - Accidental Release Measures

Normal clean-up procedures

## 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).

## SECTION 8- Personal Protective Control Measures

### 8.1 Exposure limits

<u>Chemical</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
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>

### 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: As desired by user

Eye Protection: 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 (Butyl Acetate=1)	N/A
Solubility in Water	N/A	Appearance	Cloth, paper or fibre coated with abrasive material
Lower And Upper Explosion Limits			
Flammable Limits	N/A	Odor	
Flash Point	N/A	Degradation Temperature	

**SECTION 10 - Stability and Reactivity Data**

Stability: Stable

Incompatibility: N/A

Hazardous Decomposition or Byproducts: In use, dust and decomposing resin system fumes are generated. In most cases, the material removed from the work piece will be significantly greater than the coated abrasive product components.

Hazardous Polymerization Will not occur

Conditions to Avoid: N/A

**SECTION 11 - Toxicological Data**

**11.1 Component information**

<u>Chemical</u>	<u>Short term effects</u>	<u>Long term effects</u>	<u>Carcinogen</u>
Silicon Carbide			No
Aluminum Oxide			No
Garnet			No
Ceramic Alumina			No
Zirconium Oxide			No

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

See section 4.2

**Section 12-Ecological Information**

No Data Available

**Section 13-Disposal Considerations**

Standard landfill methods consistent with applicable Federal, State and Local laws.

**Section 14-Transport Information**

N/A

**Section 15-Regulatory Information**

N/A

**Section 16-Other Information**

**SDS Revision Date:** Novemver 1, 2014

**Reason for Update:** Mandated Update

**Preparation By:** Laurie Siraguso

**COMPANY USE**

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