

# FLEXOVIT USA INC.

## SAFETY DATA SHEET

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

1.1 Product Name Cartridge Rolls (Straight and Full Taper), Pads (Cross and Square), and Spiral Band Sleeves

1.2 Product Use Grinding, Deburring, Blending, Polishing, and Finishing see ANSI B7.1-2010

1.3 Company Details: **Flexovit USA Inc.**

Address: 1305 Eden-Evans Center Rd.  
Angola, NY 14006

Phone: 1-716-549-5100

Fax: 1-716-549-7932

### SECTION 2 - Hazard Information

#### 2.1 Precautionary statements

Proper ventilation

Wear eye protection

#### 2.2 Description of Hazards

Route of Entry: Inhalation: Dust during use

Route of Entry: Skin: No

Route of Entry: Ingestion: Dust during use

Route of Entry: Eye: Dust during use

### SECTION 3 - Composition

<u>Ingredient</u>	<u>Formula</u>	<u>% Weight</u>	<u>OSHA Regulated</u>	<u>Cas #</u>
Silicon Carbide			N/A	
Aluminum Oxide			N/A	
Garnet			N/A	
Ceramic Alumina			N/A	
Zirconium Oxide			N/A	
Paper Backing			N/A	
Cloth Backing			N/A	
Fibre Backing			N/A	
Mesh Backing			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

Inhalation: Remove to fresh air, apply artificial respiration as needed.

Eyes: Wash with large amounts of water.

Obtain first aid or medical assistance if needed.

##### 4.2 Signs and Symptoms of Exposure

Acute: Coughing, shortness of breath

Eye irritation

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: N/A

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 29 CFR 1910.94 (Ventilation) and OSHA 29 CFR 1910.00 (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 24 CRF 1910.134

Ventilation: Local exhaust recommended

Protective Gloves: As desired by user

Eye Protection: OSHA 29 CRF 1910.133 (Face and Eye Protection)

Hearing Protection: As needed. Refer to OSHA 29 CFR 1910.215 (Hearing protection)

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	N/A	Odor	N/A
Flammable Limits	N/A	Degradation Temperature	N/A
Flash Point	N/A		

**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: N/A

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	Eye, Respiratory irritation		N
Aluminum Oxide	Eye, Respiratory irritation		N
Garnet	Eye, Respiratory irritation		N
Zirconium Oxide	Eye, Respiratory irritation		N

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

See section 4.2

**Section 12-Ecological Information**

No applicable information found.

**Section 13-Disposal Considerations**

Standard landfill methods consistent with applicable federal, state, and local laws.

**Section 14-Transport Information**

No applicable information found.

**Section 15-Regulatory Information**

No applicable information found.

**Section 16-Other Information****SDS Revision Date:** September 1, 2017**Reason for Update:** Mandated Update**Preparation By:** FlexOvit USA**COMPANY USE**

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