

# FLEXOVIT USA INC.

## SAFETY DATA SHEET

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

1.1 Product Name Unmounted Flap Wheels  
1.2 Product Use For light material cleaning, finishing, polishing and blending 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

Wear Respirator, eye protection, and protective clothing when using product  
Product will produce sparks and debris when in use, avoid using product near reactive or flammable substances or electrical equipment

#### 2.2 Description of Hazards

Respiratory Irritant  
Skin Irritant

### SECTION 3 - Composition

<u>Ingredient</u>	<u>Formula</u>	<u>% Weight</u>	<u>OSHA Regulated</u>	<u>Cas #</u>
Silicon Carbide		0-30	Yes	409-21-2
Aluminum Oxide		0-30	Yes	1349-28-1
Zirconium Oxide		0-30	Yes	1314-23-4

### SECTION 4-First Aid

#### 4.1 First Aid for exposure

Dust Inhalation: Remove to fresh air, apply artificial respiration as needed. Obtain medical assistance.  
Ingestion: Obtain medical assistance.  
Skin contact: Obtain medical assistance.  
Eye: Wash with large amounts of water. Obtain medical assistance.  
Hearing: Obtain medical assistance.

#### 4.2 Signs and Symptoms of Exposure

Acute: May cause coughing and shortness of breath  
Skin abrasions  
Eye irritation  
Chronic: May effect breathing capacity  
Elevated sound levels may be created which affect hearing

### SECTION 5 - Fire Fighting Measures

- 5.1 Means Of Extinction: N/A
- 5.2 Unusual Fire or Explosion Hazards: N/A
- Flammable Properties: N/A
- 5.3 Special Fire Fighting Procedures: Backing and resin binder will burn or decompose, use respiratory protection

### SECTION 6 - Accidental Release Measures

Normal clean up procedures should be used if material is released

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

- 7.1 Handling: Handle in accordance with ANSI B7.1
- 7.2 Storage: Dry area at moderate temperature and humidity

### SECTION 8- Personal Protective Control Measures

#### 8.1 Exposure limits

<u>Chemical</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Silicon Carbide	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Aluminum Oxide	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Zirconium Oxide	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

#### 8.2 Personal protection requirements and referrals

- Protection: Requirements and Referrals
- Respiratory: OSHA/NIOSH approved respirator. See OSHA 29 CFR 1910.134 or European Standard EN 149.
- Ventilation: Engineering Controls recommended. See ANSI Z43.1. Refer to OSHA 29 CFR 1910.94.
- Protective Gloves: Leather gloves
- Eye Protection: Protective eyewear such as safety glasses or face shield. Refer to OSHA 29 CFR 1910.133.
- Hearing Protection: Hearing protection such as approved ear muffs or ear plugs. Refer to OSHA 29 CFR 1910.95.
- Body Protection: Leather apron, chaps, or shoe coverings to shield from heavy spark showers in operation.
- Hygienic Practices: Wash with soap and water after handling and grinding.

### 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	Color of fibre/ coated with abrasive material
Lower And Upper Explosion Limits			
Flammable Limits		Odor	
Flash Point		Degradation Temperature	

### SECTION 10 - Stability and Reactivity Data

Stable

Hazardous Polymerization will not occur

**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	skin, respiratory irritation	N/A	No
Aluminum Oxide	skin, respiratory irritation	N/A	No
Zirconium Oxide	skin, respiratory irritation	N/A	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**

Dispose in accordance to local and federal regulations

**Section 14-Transport Information**

Not regulated as a hazardous material for transport

**Section 15-Regulatory Information**

No Data Available

**Section 16-Other Information**

**SDS Revision Date** September 1, 2017

**Reason for Update** Mandated Update

**Preparation By:** FlexOvit USA

**COMPANY USE**

The information and recommendations set forth herein are taken from sources and references believed to be accurate and complete as of the date hereof. However, FlexOvit USA Inc makes no expressed or implied warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.