

# Flexovit USA Inc.

## SAFETY DATA SHEET

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

- 1.1 Product Name** Bench Grinder Wheels (Aluminum Oxide and Silicon Carbide)
- 1.2 Product Use** Grinding and Sharpening See ANSI B7.1-2017
- 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

Follow ANSI Safety Code B 7.1 for the use, care and protection of abrasive wheels

#### 2.2 Description of Hazards

Coughing, shortness of breath  
Eye and skin irritation

### SECTION 3 - Composition

<u>Ingredient</u>	<u>Formula</u>	<u>% Weight</u>	<u>OSHA Regulated</u>	<u>Cas #</u>
Aluminum Oxide		+0.50%	N/A	1344-28-1
	A ,94A, PA, 83A, WA AZ, RA, 91A,32A,VA,WAG			
Silicon Carbide		+0.50%	N/A	409-21-2
	72C, 74C, C, GC			

### SECTION 4-First Aid

#### 4.1 First Aid for exposure

##### Emergency and First Aid Procedures:

Inhalation overexposure: remove to fresh air and contact physician if needed

Skin contact: wash affected areas with soap and water, obtain medical assistance if needed

Eye contact: wash with water, obtain medical assistance if needed

Ingestion: no know adverse effects, but advisable to obtain medical assistance

#### 4.2 Signs and Symptoms of Exposure

Inhalation: coughing, shortness of breath

Eye and skin irritation

**Routes of Entry:** Inhalation, Skin

**Health Hazards (Acute and Chronic):** May affect breathing capacity

### SECTION 5 - Fire Fighting Measures

- 5.1 Means Of Extinction: Water
- 5.2 Unusual Fire or Explosion Hazards: None, does not burn or explode  
Flammable Properties:
- 5.3 Special Fire Fighting Procedures: None

### SECTION 6 - Accidental Release Measures

Ventilate area and collect material in safe manner.

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

- 7.1 Handling: Avoid mechanic damage, handle and store in accordance with ANSI B 7.1  
Inspect wheel prior to mounting  
Make sure machine speed is compatible to speed of wheel
- 7.2 Storage: In accordance with ANSI B 7.1

### SECTION 8- Personal Protective Control Measures

#### 8.1 Exposure limits

<u>Chemical</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Aluminum Oxide A ,94A, PA, 83A, WA AZ, RA, 91A,32A,VA,WAG	15 mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Silicon Carbide 72C, 74C, C, GC	10 mg/m <sup>3</sup>	10mg/m <sup>3</sup>

#### 8.2 Personal protection requirements and referrals

- Respiratory: Approved dust respirators required, see OSHA 29 CFR 1910-134
- Ventilation: Local exhaust required. Mechanical (general) - recommended.
- Protective Gloves: As desired by operator
- Eye Protection: Required, see OSHA CFR 1910-133
- Hearing Protection: Where required, see OSHA 29 CFR 1910-134
- Body Protection: Apron (if applicable). Face Shield
- Hygienic Practices: Practice good hygiene

### SECTION 9- Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity	1,7-2,5
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	Solid
Lower And Upper Explosion Limits	N/A	Odor	Slight odor in use
Flammable Limits	N/A	Degradation Temperature	
Flash Point	N/A		

**SECTION 10 - Stability and Reactivity Data**

**Stability:** Stable

**Incompatibility (Materials To Avoid):** Avoid strong acids of all types with pH<4.0

**Hazardous Polymerization:** Will not occur

**Hazardous Byproducts:** Grinding dust may produce respiratory hazard

**SECTION 11 - Toxicological Data**

**11.1 Component information**

<u>Chemical</u>	<u>Short term effects</u>	<u>Long term effects</u>	<u>Carcinogen</u>
Aluminum Oxide A ,94A, PA, 83A, WA AZ, RA, 91A,32A,VA,WAG			No
Silicon Carbide 72C, 74C, C, GC			No

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

See section 4.2

**Section 12-Ecological Information**

N/A

**Section 13-Disposal Considerations**

Standard landfill methods with federal, state and local laws.

**Section 14-Transport Information**

N/A

**Section 15-Regulatory Information**

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.

**Section 16-Other Information**

**SDS Revision Date:** September 1, 2020

**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.