

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
- 1.3 Company Details: **Flexovit Abrasives Inc.**
- Address: 1305 Eden-Evans Center Rd.
Angola, NY 14006
- Phone: 1-716-549-5100
- Fax: 1-800-690-0144

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

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

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

No Data Available

Section 16-Other Information

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COMPANY USE

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