

FLEXOVIT USA INC.

SAFETY DATA SHEET

SECTION 1 - Identification of the Product and Company

- 1.1 Product Name Semi-Flexible Masonry Discs
- 1.2 Product Use Grinding, Blending, Finishing, and Scouring
- 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

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

2.2 Description of Hazards

Inhalation: coughing, shortness of breath

Eye: irritation

Skin: irritation

SECTION 3 - Composition

<u>Ingredient</u>	<u>Formula</u>	<u>% Weight</u>	<u>OSHA Regulated</u>	<u>Cas #</u>
Aluminum Oxide		20-60		1344-28-1
Silicon Carbide		15-60		409-21-2
Zirconia Alumina		20-60		1314-23-4
Calcium Carbonate		3-5		1317-65-3
Phenolic Resin		15-30		9003-35-4
Cryolite		3-5		15096-52-3
Calcium Stearate		0.5-1.0		1592-23-0

SECTION 4-First Aid

4.1 First Aid for exposure

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 known adverse effects, but advisable to obtain medical assistance

4.2 Signs and Symptoms of Exposure

Inhalation: coughing, shortness of breath

Eye: irritation

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: Intense heat, dense black smoke, carbon monoxide, hydrogen cyanide, ammonia, aldehydes, and carbon dioxide

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
Always handle and store carefully
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		
Silicon Carbide		
Zirconia Alumina		
Calcium Carbonate		
Phenolic Resin		
Cryolite		
Calcium Stearate		

8.2 Personal protection requirements and referrals

Respiratory:	Approved dust respirator protection required, see OSHA 29 CFR 1910-134
Ventilation:	Local exhaust required. Mechanical (genera): 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 recommended
Hygienic Practices:	Practice good hygiene

SECTION 9- Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity	>1
Vapor Pressure (mm Hg.)	N/A	Melting Point	400-500 degrees F
Vapor Density (AIR=1)	N/A	Evaporation Rate (Butyl Acetate=1)	N/A
Solubility in Water	Paper label has slight solubility	Appearance	Solid polymer disc coated with abrasive cloth
Lower And Upper Explosion Limits			
Flammable Limits	200 degrees CLEL: N/A, UEL: N/A	Odor	None
Flash Point	N/A	Degradation Temperature	

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			
Silicon Carbide			
Zirconia Alumina			
Calcium Carbonate			
Phenolic Resin			
Cryolite			
Calcium Stearate			

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 with federal, state and local laws.

Section 14-Transport Information

N/A

Section 15-Regulatory Information

N/A

Section 16-Other Information

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COMPANY USE

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