

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 of concrete surfaces 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

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

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.