

FLEXOVIT USA INC.

SAFETY DATA SHEET

SECTION 1 - Identification of the Product and Company

1.1 Product Name Cartridge Rolls (Straight and Full Taper), Pads (Cross and Square), and Spiral Band Sleeves

1.2 Product Use Grinding, Deburring, Blending, Polishing, and Finishing

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

Proper ventilation

Wear eye protection

2.2 Description of Hazards

Route of Entry: Inhalation: Dust during use

Route of Entry: Skin: No

Route of Entry: Ingestion: Dust during use

Route of Entry: Eye: Dust during use

SECTION 3 - Composition

<u>Ingredient</u>	<u>Formula</u>	<u>% Weight</u>	<u>OSHA Regulated</u>	<u>Cas #</u>
Silicon Carbide			N/A	
Aluminum Oxide			N/A	
Garnet			N/A	
Ceramic Alumina			N/A	
Zirconium Oxide			N/A	
Paper Backing			N/A	
Cloth Backing			N/A	
Fibre Backing			N/A	
Mesh Backing			N/A	

Each abrasive product contains a combination of the above components per spec and do not contain ingredients that are hazardous as defined by OSHA.

SECTION 4-First Aid

4.1 First Aid for exposure

Inhalation: Remove to fresh air, apply artificial respiration as needed.

Eyes: Wash with large amounts of water.

Obtain first aid or medical assistance if needed.

4.2 Signs and Symptoms of Exposure

Acute: Coughing, shortness of breath

Eye irritation

During use on some materials elevated sound levels may be created which effect hearing

SECTION 5 - Fire Fighting Measures

5.1 Means Of Extinction: Water, CO₂, foam, dry chemical

5.2 Unusual Fire or Explosion Hazards: None

Flammable Properties: N/A

5.3 Special Fire Fighting Procedures: None

SECTION 6 - Accidental Release Measures

Normal clean-up procedures

SECTION 7- Storage, Handling and Use Procedures

7.1 Handling: Handle with adequate ventilation. See OSHA 29 CFR 1910.94 (Ventilation) and OSHA 29 CFR 1910.00 (Air Contaminates).

SECTION 8- Personal Protective Control Measures

8.1 Exposure limits

Chemical	OSHA PEL	ACGIH TLV
Silicon Carbide	15mg/m ³	10mg/m ³
Aluminum Oxide	15mg/m ³	10mg/m ³
Garnet	15mg/m ³	10mg/m ³
Ceramic Alumina	15mg/m ³	10mg/m ³
Zirconium Oxide	15mg/m ³	10mg/m ³

8.2 Personal protection requirements and referrals

Respiratory: As needed, approved dust respiratory OSHA 24 CFR 1910.134

Ventilation: Local exhaust recommended

Protective Gloves: As desired by user

Eye Protection: OSHA 29 CFR 1910.133 (Face and Eye Protection)

Hearing Protection: As needed. Refer to OSHA 29 CFR 1910.215 (Hearing protection)

Body Protection: N/A

Hygienic Practices: N/A

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	cloth, paper or fibre coated with
Lower And Upper Explosion Limits	N/A		abrasive material
Flammable Limits	N/A	Odor	N/A
Flash Point	N/A	Degradation Temperature	N/A

SECTION 10 - Stability and Reactivity Data

Stability: Stable

Incompatibility: N/A

Hazardous Decomposition or Byproducts: In use dust and decomposing resin system fumes are generated.
In most cases the material removed from the work piece will be
significantly greater than the coated abrasive product components.

Hazardous Polymerization: N/A

Conditions to Avoid: N/A

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	Eye, Respiratory irritation		N
Aluminum Oxide	Eye, Respiratory irritation		N
Garnet	Eye, Respiratory irritation		N
Zirconium Oxide	Eye, Respiratory irritation		N

11.2 Route(s) of Entry and symptoms of exposure

See section 4.2

Section 12-Ecological Information

No applicable information found.

Section 13-Disposal Considerations

Standard landfill methods consistent with applicable federal, state, and local laws.

Section 14-Transport Information

No applicable information found.

Section 15-Regulatory Information

No applicable information found.

Section 16-Other Information

SDS Revision Date: November 1, 2014

Reason for Update: Mandated Update

Preparation By: Laurie Siraguso

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.