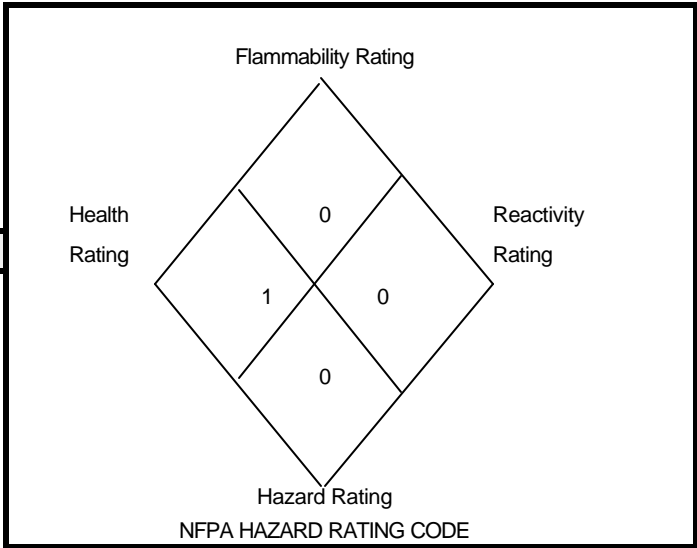


**MATERIAL SAFETY DATA SHEET**

Used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200



**SECTION I - NAME AND PRODUCT**

Flexovit East U.S.A., Inc.  
 154 Potomac Ave., Unit A  
 Tallmadge, Ohio 44278  
 Phone: (800)321-8800  
 Fax: (888)321-8800  
 Updated: 5/99  
 Contact: Technical Director  
 Product: Mounted flap wheels & large diameter flap wheels

**SECTION II - COMPOSITION**

Ingredient	% By Weight	OSHA Regulate	Cas #	OSHA PEL	ACGIH TLV	Other Limits	Carcinogen
Silicon Carbide	N/A	Y	409-21-2	15mg/m3	10mg/m3	N/A	NO
Aluminum Oxide	N/A	Y	1349-28-1	15mg/m3	10mg/m3	N/A	NO
Zirconium Alumina	N/A	Y	1314-23-4	15mg/m3	10mg/m3	N/A	NO

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point	N/A	Specific Gravity (H2O=1)	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/Odor	Color of fibre/coated w/abrasive material

**SECTION IV - FIRE AND EXPLOSION DATA**

Flash Point	N/A	Lower EL	N/A
Flammable Limits	N/A	Upper EL	N/A
Special Fire Fighting Procedures	Backing & Resin will burn or decompose; use respiratory protection.	Unusual Fire or Explosion Hazards	N/A

**SECTION V - REACTIVITY DATA**


## SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry	Signs and Symptoms of Exposure	Emergency and First-Aid procedures
Dust Inhalation	May cause coughing and shortness of breath during grinding. May affect breathing capacity.	Terminate exposure and remove to fresh air. Obtain medical assistance.
Ingestion	No known adverse effects, but not recommended.	Obtain medical assistance.
Absorption	Not absorbed through skin.	N/A
Skin contact	Grinding wheel may cause abrasions. Dust may cause skin irritation.	Terminate exposure and remove to fresh air. Obtain medical assistance.
Eye	Dust or fumes may cause eye irritation.	Fresh air and medical assistance.
Other	Excessive noise levels may exist in use.	Cease use. Obtain medical assistance.

Medical conditions such as emphysema and asthma may be aggravated during grinding.

## SECTION VII- STORAGE HANDLING AND USE PROCEDURES

Handling and storage procedures - Avoid damage to wheel. Do not drop. Do not use a wheel that has been damaged or dropped. Avoid excessive temperatures in storage. Always handle in accordance with ANSI B7.1.

Normal clean up procedures should be used if materials is released.

Dispose of waste in a sanitary landfill in accordance with state, local and federal regulations.

Always use in accordance with ANSI Z43.1 and OSHA 1910.215. Do not use dropped or damaged wheels. Do not use without machine guard in place. Do not exceed maximum RPM on wheel.

## SECTION VIII- CONTROL MEASURES

Protection	Requirements and Referrals
Respiratory	OSHA or NIOSH approved respirator if TLV's exceeded. See OSHA 29 CFR 1910.134
Ventilation	Local and mechanical exhaust recommended. See ANSI Z43.1. Refer to OSHA 29 CFR 1910.94.
Protective Gloves	Not required but use if desired.
Eye Protection	Required. Refer to OSHA 29 CFR 1910.133.
Hearing Protection	Required. Refer to OSHA 29 CFR 1910.95.
Other	Apron and/or face shield if desired.
Hygienic Practices	Wash with soap and water after handling and grinding.

## 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.