

# FLEXOVIT USA INC.

## SAFETY DATA SHEET

### SECTION 1 - Identification of the Product and Company

- 1.1 Product Name Flap Bands - Zirconia (ZA), Aluminum Oxide (A), or Ceramic (SX) material
- 1.2 Product Use Abrasives for industrial and professional applications
- 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

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200

#### 2.2 Description of Hazards

Not applicable

### SECTION 3 - Composition

The product contains the following ingredients which are classified according to 67/548/EEC or Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

Substance	EC-N°	CAS-N°	Conc. (%)	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)	
				Hazard classes/ hazard categories	Hazard statements
cryolite	237-410-6	13775-53-6	1-20%	Acute Tox. 4 STOT wdh. 1 Acute Tox. 4 Aqu. chron. 2	H332 H372 H302 H411
Trisodium hexafluoro- aluminate		13775-53-6	5-10%	Acute Tox. 4 STOT wdh. 1 Acute Tox. 4 Aqu. chron. 2	H332 H372 H302 H411

(For full text of H- and R-phrases see section 16)

#### **SECTION 4-First Aid**

##### **4.1 First Aid for exposure**

- Inhalation: Dust from this product may cause irritation to the respiratory tract. If breathing is difficult, remove the victim to fresh air and keep at rest in a position comfortable for breathing.
- Eye contact: Dust from this product may cause eye irritation. Flush immediately with water. Obtain medical attention if irritation, pain, or redness persists.
- Skin contact: Wash with soap and water. Wash contaminated clothing before re-use.
- Ingestion: Not likely, due to the form of the product; if necessary contact physician

##### **4.2 Signs and Symptoms of Exposure**

Not known

#### **SECTION 5 - Fire Fighting Measures**

- 5.1 Means Of Extinction: Water, foam, sand, powder or CO2 as appropriate for surrounding materials
- 5.2 Unusual Fire or Explosion Hazards: Toxic fumes may occur. Use respiratory protective equipment.
- 5.3 Special Fire Fighting Procedures: Extinguishing materials should be selected according to the surrounding area

#### **SECTION 6 - Accidental Release Measures**

Not applicable

#### **SECTION 7- Storage, Handling and Use Procedures**

- 7.1 Handling: Follow instructions and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer
- 7.2 Storage: Follow instructions and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer

## SECTION 8- Personal Protective Control Measures

### 8.1 Control Parameters

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

Occupational exposure limit values and/or biological limit values

Keep exposure to the following components under surveillance.

(Observe also the regional official regulations)

Substance	CAS-N°	Agency	Threshold limits
Cryolite	15096-52-3	ACGIH	TWA (as F): 2.5 mg/m <sup>3</sup>
		OSHA	TWA (as dust): 2.5 mg/m <sup>3</sup> , TWA (as F): 2.5 mg/m <sup>3</sup>
Tri-sodium hexafluoro-aluminate	13775-53-6	ACGIH	Not applicable
		OSHA	Not applicable

ACGIH: American Conference of governmental Industrial Hygienists

CMRG: Chemical Manufacturer's Recommended Guidelines

OSHA: United States Department of Labor – Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

Note: Hazardous dust of the work piece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.

### 8.2 Personal protection requirements and referrals

- Respiratory: Use respiratory equipment (type depends on specific application and material being ground)
- Ventilation: Observe the regional official regulations for dust
- Protective Gloves: Wear protective gloves (type depends on specific application and material being ground)
- Eye Protection: Wear protective goggles or face shield (type depends on specific application and material being ground)
- Hearing Protection: Use hearing protection (type depends on specific application and material being ground)
- Body Protection: Use protective clothing (type depends on specific application and material being ground)
- Hygienic Practices: Practice good hygiene

## SECTION 9- Physical/Chemical Characteristics

Physical state: Solid

Color : Not Applicable/ different colors

PH : Not applicable

Melting Point : Not applicable boiling

Boiling Point: Not applicable

Density : Not applicable

Viscosity : Not applicable

Solubility in Water : Not relevant

## SECTION 10 - Stability and Reactivity Data

Stability: Coated Abrasives are stable when handled or stored

Reactivity: Conditions to avoid: No decomposition in normal use.

Materials to avoid: No dangerous reactions known.

Hazardous decomposition products: At temperatures exceeding 250 C hazardous or toxic decomposition products may be generated

## SECTION 11 - Toxicological Data

### 11.1 Component information

Chemical

Short term effects

Long term effects

Carcinogen

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.

### 11.2 Route(s) of Entry and symptoms of exposure

See section 4.2

## Section 12-Ecological Information

- 12.1 Ecotoxicity:** no effects known
- 12.2 Mobility:** no potentials known
- 12.3 Persistence and degradability:** no biodegradable potentials known
- 12.4 Bioaccumulative potential:** no potentials known
- 12.5 Other hazardous effects:** no effects known

## Section 13-Disposal Considerations

Follow national and regional regulations

Due to the ingredients (sum concentration under the limit) disposal as non-hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC - Nr. 120121)

## Section 14-Transport Information

The product is not covered by international regulation on the transport of dangerous goods.

## Section 15-Regulatory Information

No specific marking requirements under respective EC directives

## Section 16-Other Information

**SDS Revision Date:** July 16, 2018

**Reason for Update:** Mandated

**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.