

# FLEXOVIT USA INC.

## SAFETY DATA SHEET

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

- 1.1 Product Name** Unitized Surface Conditioning Discs (Aluminum Oxide and Silicon Carbide)
- 1.2 Product Use** Deburring, Cleaning, Blending, and Polishing 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

#### 2.2 Description of Hazards

Not applicable

Abrasives are articles and not dangerous substances or preparations according to directive 1999/45/EC

See also section 8 and 16

### SECTION 3 - Composition

<u>Ingredient</u>	<u>Formula</u>	<u>% Weight</u>	<u>OSHA Regulated</u>	<u>Cas #</u>
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### SECTION 4-First Aid

#### 4.1 First Aid for exposure

See also section 8 and 16

#### 4.2 Signs and Symptoms of Exposure

Inhalation: Not possible, due to the form of the product

Eye contact: Not possible, due to the form of the product

Skin contact: No harmful effects known

Ingestion: Not likely, due to the form of the product; if necessary contact physician

Note to physician: Not available

### SECTION 5 - Fire Fighting Measures

- 5.1** Means Of Extinction: Water, foam, sand, powder or CO<sub>2</sub> as appropriate for surrounding materials
- 5.2** Unusual Fire or Explosion Hazards:  
Flammable Properties:
- 5.3** Special Fire Fighting Procedures: Toxic fumes may occur. Use respiratory protective equipment.

## SECTION 6 - Accidental Release Measures

Not applicable

## SECTION 7- Storage, Handling and Use Procedures

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

## SECTION 8- Personal Protective Control Measures

### 8.1 Exposure limits

<u>Chemical</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
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Note: Hazardous dust of the workpiece 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 protective equipment (type depends on specific application and material being ground)
- 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

Boiling Point	Specific Gravity
Vapor Pressure (mm Hg.)	Melting Point
Vapor Density (AIR=1)	Evaporation Rate (Butyl Acetate=1)
Solubility in Water not applicable	Appearance Solid, red/green/grey/brown/black/tan
Lower And Upper Explosion Limits	according to grade
Flammable Limits	Odor
Flash Point	Degradation Temperature

## SECTION 10 - Stability and Reactivity Data

Stability: Nonwoven Abrasives are stable when handled or stored correctly

Reactivity:

- 10.1 Conditions to avoid: Temperatures over 200°C for excessive periods
- 10.2 Materials to avoid: No dangerous reactions known
- 10.3 Hazardous decomposition products: In normal use, hazardous decomposition products are not expected

CO, CO<sub>2</sub>, NO<sub>x</sub>, HCN, aldehydes (including CH<sub>2</sub>O), particulate matter and other organic compounds may be formed during combustion

## SECTION 11 - Toxicological Data

### 11.1 Component information

Chemical                      Short term effects                      Long term effects    Carcinogen

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

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

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 and properties 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 labelling requirements under respective EC directives

## 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.