

# Flexovit USA Inc

## SAFETY DATA SHEET

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

1.1 Product Name      Vitrified Mounted Points  
1.2 Product Use        Deburring and Finishing    see ANSI B7.1-2017  
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    (Applicable during the grinding, sawing and rubbing processes.)

Health Hazards (acute and chronic)

Ingestion:            No known acute effects

Skin:                  Dust or chips may cause cuts, abrasions or allergic reactions

Inhalation:          Potential irritation and congestion of air passages

Eye:                    Potential irritation by abrasion with dust or chips

### SECTION 3 - Composition

<u>Ingredient</u>	<u>Formula</u>	<u>% Weight</u>	<u>OSHA Regulated</u>	<u>Cas #</u>
Aluminum Oxide		0 – 98		1344-28-1
Silicon Carbide		0 – 98		409-21-2
Glass		2 – 50		65997-17-3
Quartz				14808-60-7

## SECTION 4-First Aid

### 4.1 First Aid for exposure

Eyes:	Flush eyes for 15 minutes
Skin:	Cleanse and bandage affected area
Ingestion:	Seek medical attention. Do not induce vomiting
Inhalation:	Move victim into fresh air

### 4.2 Signs and Symptoms of Exposure

## SECTION 5 - Fire Fighting Measures

5.1	Means Of Extinction:	Same as media as surrounding area
5.2	Unusual Fire or Explosion Hazards:	Dust generated by the abrasive products may be explosive in the correct air/dust mixture
	Flammable Properties:	Non-flammable
5.3	Special Fire Fighting Procedures:	Firefighters should wear self contained breathing apparatus. Avoid inhalation of smoke

## SECTION 6 - Accidental Release Measures

N/A

## SECTION 7- Storage, Handling and Use Procedures

7.1	Handling:	none
7.2	Storage:	none

## SECTION 8- Personal Protective Control Measures

### 8.1 Exposure limits

Chemical	OSHA PEL	ACGIH TLV
Aluminum Oxide	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Silicon Carbide	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Glass *	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>

\*The glass was formed by combining many mineral dusts including Feldspar (68476-25-5) Slip Clay (1332-58-7) Talc (14807-96-6) and Quartz (14808-60-7). These materials all follow the limitations for Quartz when they become mineral dust upon grinding, sawing or rubbing.

Quartz 14808-60-7	10mg/m <sup>3</sup>	.05mg/m <sup>3</sup>
	%sio2+2 (respirable)	(respirable)

### 8.2 Personal protection requirements and referrals

Respiratory:	NIOSH and/or MSHA approved respirator classified for nuisance dust
Ventilation:	Quartz exposure must be below OSHA PEL and ACGIHTLV
Protective Gloves:	May be required by specific grinding operations
Eye Protection:	Safety glasses
Hearing Protection:	Not required
Body Protection:	As required by specific grinding operations
Hygienic Practices:	Normal washing and hygiene practices

<b>SECTION 9- Physical/Chemical Characteristics</b>				
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)
Solubility in Water		N/A	Appearance	Any solid abrasive form
Lower And Upper Explosion Limits		N/A	Odor	No odor
Flammable Limits		N/A	Degradation Temperature	N/A
Flash Point	Non-Flammable			

<b>SECTION 10 - Stability and Reactivity Data</b>	
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Stable  
 Hazardous Polymerization will not occur  
 Conditions to Avoid: None

<b>SECTION 11 - Toxicological Data</b>			
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**11.1 Component information** (Applicable during the grinding, sawing and rubbing processes.)

<u>Chemical</u>	<u>Short term effects</u>	<u>Long term effects</u>	<u>Carcinogen</u>
Crystalline Silica (Quartz)	Ingestion: No known acute effects  Eye: Potential irritation by abrasion with dust or chips  Skin: Dust or chips may cause cuts, abrasions or allergic reactions  Inhalation: Potential irritation and congestion of air passages  Warning: Grinding dust potentially includes quartz, a carcinogen known to cause birth defects and other reproductive harm. Inhalation of quartz above established or recommended levels of exposure should be avoided. It is recommended that the abrasive product be used wet to minimize dust inhalation and/or that a NIOSH or MSHA approved respirator be used.		known

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

See section 4.2

**Section 12-Ecological Information**

N/A

**Section 13-Disposal Considerations**

Waste disposal method: Sweep wet or vacuum. Avoid spreading dust.

**Section 14-Transport Information**

N/A

**Section 15-Regulatory Information**

Do not exceed recommended RPM's. Follow procedures listed in any safety guides provided with the products.

California Proposition 65: WARNING! You create dust when you cut, sand, drill or grind materials such as wood, paint, cement, masonry or metal. This dust often contains chemicals known to cause cancer, birth defects or other reproductive harm.

**Section 16-Other Information**

**SDS Revision Date:** October 1 2023

**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.