

# 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.<br>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> |  |
|---|--|

Stable  
 Hazardous Polymerization will not occur  
 Conditions to Avoid: None

|  |  |  |  |
|--|--|--|--|
| <b>SECTION 11 - Toxicological Data</b> |  |  |  |
|--|--|--|--|

**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<br><br>Eye: Potential irritation by abrasion with dust or chips<br><br>Skin: Dust or chips may cause cuts, abrasions or allergic reactions<br><br>Inhalation: Potential irritation and congestion of air passages<br><br>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:** September 1, 2020

**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.