



## Safety Data Sheet

Safety Data Sheet (in compliance with Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 453/2010)

Date Issued: 07 March 2019

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product Identifier:

Trade Name (as labeled):  
Part/Item Number:

**Midway Select Bite Registration Materials**  
002-0239, 002-0240, 002-0241, 002-0242, 002-0243

#### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Recommended Use: Impression models  
Restrictions on Use: For professional use only

#### 1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer/Supplier Name: Midway Dental Supply, LLC  
Manufacturer/Supplier Address: 32553 Schoolcraft Road  
Livonia, MI 48150  
Manufacturer/Supplier Telephone Number: 800.474.6111

#### 1.4 Emergency Telephone Number:

Emergency Contact Telephone Number: PERS 800.633.8253

### 2. HAZARD(s) IDENTIFICATION

#### 2.1 Classification of the Substance or Mixture:

**GHS SDS Classification:** Not hazardous

**EU Classification (1999/45/EC as amended):** Not a dangerous preparation

**2.2 Labeling Elements:** None Required

**2.3 Other Hazards:** None

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

#### 3.2 Mixture

Hazardous Components	C.A.S. #	WT %
Poly(dimethylsiloxane), vinyl terminated	68083-19-2	30-60
Crystalline Silica, Quartz *	13983-17-0	40-60

\* The crystalline silica in this product is inextricably bound in a manner that no exposure occurs during normal use and handling. Therefore this product is not classified as a carcinogen.

### 4. FIRST-AID MEASURES

#### 4.1 Description of First Aid Measures:

##### Routes of Exposure First Aid Instructions

Eye	Wipe off excess. Flush eyes with large quantities of water for several minutes, holding the eyelids apart. Get medical attention if irritation persists.
Skin	Wipe excess off skin. Wash skin with soap and water.
Inhalation	None needed under normal use conditions
Ingestion	Rinse mouth with water. If large amounts are swallowed, get medical attention.

#### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed:

May cause mild eye irritation

#### 4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:

None required under normal conditions of use.

**Note to Physicians (Treatment, Testing, and Monitoring):** Treatment of overexposure should be directed at the control of symptoms and clinical conditions.

## **5. FIRE-FIGHTING MEASURES**

### **5.1 Extinguishing Media**

Use media appropriate for surrounding fire.

### **5.2 Special Hazards Arising from the Substance or Mixture:**

None Known

### **5.3 Advice for Fire-Fighters:**

**Fire Fighting Procedures:** Cool fire exposed containers and structures with water.

**Precautions for Fire Fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals.

## **6. ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**

For large spills, wear eye protection. Small spills do not require special precautions.

### **6.2 Environmental Precautions:**

Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

### **6.3 Methods and Material for Containment and Cleaning up:**

Scoop or scrape up and place in appropriate containers for disposal. May cause a slip hazard. Wash spill area with soap and water.

## **7. HANDLING AND STORAGE**

### **7.1 Precautions for Safe Handling:**

Avoid contact with the eyes. Use in accordance with package instructions.

### **7.2 Conditions for Safe Storage, Including Any Incompatibilities:**

Store away from extreme heat.

### **7.3 Specific End Use (s):** For professional use only.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters:

#### Occupational Exposure Limits:

Crystalline Silica, Quartz	United States	0.025 TWA ACGIH TLV (respirable) <u>10 mg/m<sup>3</sup></u> TWA US OSHA PEL (respirable dust) % SiO <sub>2</sub> +2
	Germany	None Established
	United Kingdom	0.1 mg/m <sup>3</sup> TWA UL OEL
	France	0.1 mg/m <sup>3</sup> TWA INRS VME
	Spain	0.1 mg/m <sup>3</sup> TWA VLA-ED (respirable fraction)
	Italy	None Established
	European Union	None Established

**Biological Exposure Limits:** None Established

### 8.2 Exposure Controls:

**Appropriate Engineering Controls:** No special controls required.

#### Individual Protection Measures (PPE)

**Specific Eye/face Protection:** Avoid eye contact. Safety glasses should be worn if contact is likely.

**Specific Skin Protection:** None normally required.

**Specific Respiratory Protection:** None required under normal use conditions.

**Specific Thermal Hazards:** Not applicable

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on Basic Physical and Chemical Properties:

<b>Appearance:</b>	Various colored pastes	<b>Explosive limits:</b>	Not applicable
<b>Odor:</b>	Faint berry odor.	<b>Vapor pressure:</b>	Not applicable
<b>Odor threshold:</b>	Not available	<b>Vapor density:</b>	Not applicable
<b>pH:</b>	Not available	<b>Relative density:</b>	Not available
<b>Melting/freezing point:</b>	Not available	<b>Solubility:</b>	Nil
<b>Initial boiling point and range:</b>	>392°F / >200°C	<b>Partition coefficient: noctanol/water:</b>	Not available
<b>Flash point:</b>	>415°F / >212°C	<b>Auto-ignition temperature:</b>	Not available
<b>Evaporation rate:</b>	< 1	<b>Decomposition temperature:</b>	Not available
<b>Flammability:</b>	Not flammable	<b>Viscosity:</b>	Not available
<b>Explosive Properties:</b>	None	<b>Oxidizing Properties:</b>	None

## 10. STABILITY AND REACTIVITY

**10.1 Reactivity:** Will not polymerize or react dangerously

**10.2 Chemical Stability:** Stable.

**10.3 Possibility of Hazardous Reactions:** None known

**10.4 Conditions to Avoid:** Extreme heat.

**10.5 Incompatible materials:** Avoid oxidizing agents.

**10.6 Hazardous Decomposition Products:** Thermal decomposition may produce carbon oxides and silica.

## 11. TOXICOLOGICAL INFORMATION

### **11.1 Information on Toxicological Effects:**

#### **Potential Health Effects:**

Eyes: Direct contact may cause mild irritation with redness and tearing.

Skin: No adverse effects are expected under normal use conditions.

Ingestion: No adverse effects are expected from swallowing small amounts. Large amounts may cause gastric upset with nausea.

Inhalation: None expected from normal use.

**Chronic Health Effects:** None known.

**Carcinogenicity:** Respirable crystalline silica, quartz is listed by IARC as a group 1 carcinogen (carcinogenic to humans) and by NTP as a “known to be a human carcinogen”. This component is encapsulated in a polymer matrix so no inhalable exposure occurs during use or disposal. None of the other components of this product are listed as carcinogens by OSHA, IARC, ACGIH, NTP or EU

Directives.

**Mutagenicity:** No mutagenic effects are expected.

**Medical Conditions Aggravated by Exposure:** None known.

#### **Acute Toxicity Data:**

No toxicity data available but the product is not expected to be acutely toxic.

**Reproductive Toxicity Data:** No reproductive or teratogenic effects are expected.

#### **Specific Target Organ Toxicity (STOT):**

Single Exposure: No data available, however, no adverse effects are expected.

Repeated Exposure: Inhalation of respirable crystalline silica may cause lung disease, however, no respirable silica is present

and the silica is inextricably bound in the polymer matrix so no exposure can occur.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity:

No adverse effects are expected on aquatic organisms

**12.2 Persistence and Degradability:** This product is expected to be removed by sedimentation or degradation

**12.3 Bio-accumulative Potential:** This product is not expected to bio-accumulate.

**12.4 Mobility in Soil:** No data is available.

**12.5 Other Adverse Effects:** None known.

**12.6 Results of PBT/vPvB Assessment:** Not required.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods:

**Regulations:** Dispose in accordance with local and national environmental regulations.

**Properties (Physical/Chemical) Affecting Disposal:** None known.

**Waste Treatment Recommendations:** None needed for normal anticipated use.

## 14. TRANSPORT INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
<b>DOT</b>	None	Not Regulated	None	None	No
<b>ADR/RID</b>	None	Not Regulated	None	None	No
<b>IMDG</b>	None	Not Regulated	None	None	Maine Pollutant - No
<b>IATA/ICAO</b>	None	Not Regulated	None	None	No

**14.6 Special precautions for user:** Not Applicable

**14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable – product is transported only in packaged form.

## 15. REGULATORY INFORMATION

### 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

#### U.S. Federal Regulations

**Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):** This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills as required under federal, state and local regulations.

**Toxic Substances Control Act (TSCA):** This product is a medical device and not subject to chemical notification requirements.

**Clean Water Act (CWA):** Not Listed

**Clean Air Act (CAA):** Not Listed

**Superfund Amendments and Reauthorization Act (SARA) Title III Information:**

**SARA Section 311/312 (40 CFR 370) Hazard Categories:**

<b>Immediate Hazard:</b>	<b>No</b>	<b>Pressure Hazard:</b>	<b>No</b>
<b>Delayed Hazard:</b>	<b>No</b>	<b>Reactivity Hazard:</b>	<b>No</b>
<b>Fire Hazard:</b>	<b>No</b>		

**This product doesn't contain toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372)**

#### **State Regulations**

**California:** This product doesn't contain chemicals(s) known to the State of California to cause cancer, birth defects or reproductive harm

#### **International Regulations**

**EU REACH:** The substances in this product comply with the EU REACH regulation as applicable.

## **16. OTHER INFORMATION**

Created: 03/07/2019

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Midway Dental Supply, LLC be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Midway Dental Supply, LLC has been advised of the possibility of such damages.*