

# SAFETY DATA SHEET

## Section 1: Identification

**Product Name:** Ear Impression Material  
**Chemical Name/Synonyms:** Polyvinylsiloxane  
**Company:** Matrics Inc., 8700 Jefferson Highway, Osseo, MN 55369  
**In emergency call 911.**  
**For information about this SDS, contact phone#:** 763-315-3007

## Section 2: Hazard(s) Identification

**Hazard Classification:** This material is not classified as hazardous.  
**Signal Word(s):** Not applicable  
**Hazard Statements:** Not applicable  
**Pictograms:** Not applicable  
**Precautionary Statements:** Wear protective gloves and eye protection  
**Description of other hazards:** None

## Section 3: Composition/ Information on Ingredients

Chemical Name	C.A.S. #	Conc.
VINYLPOLYDIMETHYLSILOXANE	68083-19-2	40 - 50%
QUARTZ SILICA	14808-60-7	20 - 25%
SILANE TREATED SILICA	14808-60-7	5 - 10%
POLYETHELENE GLYCOL SILOXANE TERMINATED	27306-78-1	1 - 5%
CROSSLINKER	69013-23-6	5 - 10%
WHITE MINERAL OIL	8042-47-5	10 - 15 %
DIVINYL TETRAMETHYL DISILOXANE	68478-92-2	<1%

## Section 4: First-Aid Measures

There are no special precautions. One should use reasonable care in handling any chemicals.  
**After inhalation:** No special measures necessary.  
**After skin contact:** Wash with soap and water. If symptoms develop consult a physician.  
**After eye contact:** Flush eye(s) thoroughly with running water. If symptoms develop consult a physician.  
**After swallowing:** Rinse mouth thoroughly. If symptoms develop consult physician.

## Section 5: Fire-Fighting Measures

**Suitable extinguishing agents:** All extinguishing agents are suitable  
**Special hazards arising from the substance or mixture:** None inherent in this product.  
**Special protective equipment for firefighters:** No special protective equipment or actions required.

### Section 6: Accidental Release Measures

**Personal precautions:** Avoid contact with eyes and mouth. Use reasonable care in handling.

**Measures for environmental protection:** Avoid release to the environment.

**Measures for cleaning/collecting:** Scoop up as much of the spilled material as possible and place in appropriate container. Clean up residue. Dispose of in accordance with local regulations.

### Section 7: Handling and Storage

**Handling:** No special handling precautions. Wash thoroughly after handling.

**Storage:** No special storage precautions or conditions.

### Section 8: Exposure Controls/Personal Protection

Chemical Name	C.A.S. #	Agency	Limit Type
QUARTZ SILICA	14808-60-7	OSHA	Time Weighted Average concentration 0.3 mg/m <sup>3</sup> ; concentration(respirable) :0.1 mg/3 (2.4 million particles per cu. ft.
QUARTZ SILICA	14808-60-7	ACGIH	Time Weighted Average (respirable fraction): 0.025 mg/m <sup>3</sup> . A2 Suspected human carcinogen
SILANE TREATED SILICA	14808-60-7	CMRG	Ceiling: 5 mg/m <sup>3</sup>

**General protective and hygienic measures:** General precautionary measures for the handling of chemicals should be followed. Wash hands after handling.

**Breathing equipment:** Respiratory protection is not required.

**Protection of hands:** Wearing nitrile or comparable gloves recommended.

**Eye protection:** Safety glasses or face shield recommended.

### Section 9: Physical and Chemical Properties

**Form:** Viscous paste

**Odor:** Odorless

**Odor threshold:** Not applicable

**pH:** Not established

**Melting point/melting range:** Not established

**Boiling point/boiling range:** Not established

**Flash point:** >320 F (160 C)

**Evaporation rate:** Not applicable

**Flammability:** Not applicable

**Upper/lower flammability or explosive limits:** Not applicable

**Auto ignition temperature:** Product is not self-igniting

**Danger of explosion:** Product is not an explosion hazard

**Vapor pressure:** <1.0

**Vapor density:** >1.0

**Relative density:** Not established

**Solubility in/Miscibility with water:** Insoluble

### Section 10: Stability and Reactivity

**Reactivity:** This material is non-reactive under normal use conditions.

**Chemical stability:** Stable

**Conditions to avoid:** None known

**Incompatible materials:** None known

**Hazardous decomposition products:** Thermal decomposition or burning may produce carbon mono/dioxides and/or silicone oxides.

### Section 11: Toxicological Information

**Acute toxicity:** None known

**Potential routes of exposure/potential health effects**

**Skin:** Contact of material with skin is not expected to result in significant irritation.

**Eye:** Contact of material with eyes is not expected to result in significant irritation.

**Inhalation:** No adverse health effects are anticipated.

**Ingestion:** Ingestion of this material is not expected to result in significant irritation.

**Carcinogenic effects:** Silicas are known human carcinogen

**Mutagenic effects:** Non known

**Reproductive toxicity:** None known

**Sensitization:** None known

**Target organs:** Inhalation of silica particles may cause silicosis

### Section 12: Ecological Information (non-mandatory)

### Section 13: Disposal Considerations (non-mandatory)

### Section 14: Transport Information (non-mandatory)

### Section 15: Regulatory Information (non-mandatory)

### Section 16: Other Information

**SDS date of preparation/update:** 4/17/2019