

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 ³ ; 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 ³ . A2 Suspected human carcinogen
SILANE TREATED SILICA	14808-60-7	CMRG	Ceiling: 5 mg/m ³

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