**Material:** Mosites #14126  
**Version:** 2.0  
**Revision Date:** 01-04-18

### Section 1  
**Product and Company Identification**

<table>
<thead>
<tr>
<th><strong>Trade Name</strong></th>
<th>Mosites #14126</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Group</strong></td>
<td>Silicone Rubber Compound</td>
</tr>
</tbody>
</table>
| **Manufacturer** | Mosites Rubber Company  
2720 Tillar Street  
Fort Worth, Texas 76107  
USA |
| **Customer Information** | Tel (817) 335-3451, Fax (817) 870-1564  
[www.mositesrubber.com](http://www.mositesrubber.com) |
| **Emergency Telephone no.** | (817) 335-3451 |
| **Office hours:** | 7:30am-5pm CST Monday-Thursday, 8am-3:30pm CST Friday |

### Section 2  
**Hazards Identification**

<table>
<thead>
<tr>
<th><strong>Potential Health Effects</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eyes</strong></td>
<td>May cause eye irritation.</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>May cause nose, throat and lung irritation.</td>
</tr>
<tr>
<td><strong>Repeated exposure</strong></td>
<td>Vapors may have adverse effects on the reproductive system based on animal testing of a component of this material.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Target Organs</strong></th>
<th>Female reproductive system</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Carcinogenicity</strong></td>
<td>None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Type</th>
<th>CAS No.</th>
<th>Substance</th>
<th>Content (wt%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impurity</td>
<td>556-67-2</td>
<td>Octamethyl cyclotetrasiloxane</td>
<td>&lt;1.0%</td>
</tr>
<tr>
<td>Item</td>
<td>63148-62-9</td>
<td>Polydimethylsiloxane with vinyl groups</td>
<td>&gt;95%</td>
</tr>
</tbody>
</table>

### Section 4 First-aid Measures

**Inhalation**
Remove to fresh air. Seek medical attention if irritation persists.

**Skin Contact**
Wipe away excess material then wash with soap and water. Seek medical attention if irritation persists.

**Eye Contact**
Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

**Ingestion**
If victim is conscious: drink water as a precaution. Consult a physician.

**General Advice**
When symptoms persist or in all cases of doubt seek medical advice.

### Section 5 Fire-fighting Measures

**Flammable properties**
- flash point >200 °C (>392 °F)
- Ignition Temperature >400 °C (>752 °F)

**Fire and Explosion hazards**
Burning may produce various hydrocarbon fragments, carbon dioxide, carbon monoxide, silicone dioxide, and formaldehyde.

**Suitable extinguishing media**
Carbon dioxide (CO2), foam, water, dry chemical

**Firefighting Instructions**
Wear self-contained breathing apparatus and protective suit. Evacuate personal to safe areas. Do not allow run-off from fire fighting to enter drains or water courses.
Section 6  Accidental Release Measures

Personal precautions       Wear proper protective gear.
Containment               Prevent material from entering drains or water courses.
Methods for clean up      Sweep up to avoid a slipping hazard while observing all environmental regulations.

Section 7  Handling and Storage

Handling                  Protect from contamination. Provide appropriate exhaust ventilation to prevent dust build-up. Wash hands immediately after handling product. When using do not eat, drink, or smoke.
Storage                   Store in a clean, dry location away from heat or flames.

Section 8  Exposure controls and personal protection

Ventilation               Mechanical ventilation in confined areas is recommended.
Personal Protective Equipment
Respiratory               not normally required with ventilation
Hand                      as required by company policy
Eye                       as required by company policy
Hygiene                   wash with soap and water after contact

Section 9  Physical and Chemical properties

Form                      sheets, or random shapes
Color                     opaque
Specific Gravity           $1.24\,\text{g/cm}^3$
Section 10   Stability and Reactivity

Conditions to avoid      Processing temperatures > 200°C (>392°F). Avoid heating for prolonged periods above the upper processing limit.

Incompatibility         Reacts with acids, bases, alcohols, water, oxidizing agents and catalyst to produce hydrogen gas.

Hazardous decomposition Releases flammable hydrogen gas as well as small amounts of benzene and formaldehyde.

Hazardous reactions     During drying, cleaning and molding, small amounts of hazardous gases and/or particulate matter may be released that may irritate eyes, nose and throat.

Section 11   Toxicological information

Information

Oral                   LD50 >2,000 mg/kg, rat
Dermal                 LD50 >2,000 mg/kg, rat
Skin irritation        none
Eye irritation         none
Repeated dose toxicity none
Carcinogenicity        female reproductive at 700 ppm
Mutagenicity           none in animals
Reproductive toxicity  minor at 500ppm and 700ppm
Teratogenicity         none in animals

Section 12   Ecological information

This substance is not expected to produce toxic effects.
Section 13  Disposal considerations

Waste Disposal  Dispose in accordance with all company and local regulations.

Packaging disposal  Dispose of in accordance with all company and local regulations.

Section 14  Transport information

This product is not regulated for transport by land, sea or air.  This includes: US DOT, Canada TDG Surface, IMDG-Code, and ICAO-TI/IATA-DGR.

Section 15  Regulatory information

This product contains no materials known to violate the following regulations:
- EINECS
- TSCA
- TSCA 12 (b)
- AICS
- DSL
- ENCS (JP)
- KECI (KR)
- PICCS (PH)
- INV (CN)
- ISHL (JP)
- NZIOC
- NZ HSNO
- CERCLA
- SARA 302 EHS
- SARA 311/312
- SARA 313
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HAPS
RoHS
California proposition 65
PA Right to Know  Silica, amorphous, fumed
NJ Right to Know  Silica, amorphous, fumed

Section 16 Other information

Restrictions for use  Do not use Mosites Rubber Company materials in medical applications involving implantation in the human body or in contact with internal body fluids or tissues.

The information provided in the Safety Data Sheet is correct to the best of our knowledge as of the date of publication. This SDS contains selected regulatory information and is not intended to include all regulations. It is the responsibility of the user to comply with all applicable rules, regulations, and laws relating to the use of this product.