## Section 1  Product and Company Identification

<table>
<thead>
<tr>
<th>Trade Name</th>
<th>Mosites #14116</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Group</td>
<td>Silicone Rubber Compound</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Mosites Rubber Company</td>
</tr>
<tr>
<td></td>
<td>2720 Tiller Street</td>
</tr>
<tr>
<td></td>
<td>Fort Worth, Texas 76107</td>
</tr>
<tr>
<td></td>
<td>USA</td>
</tr>
</tbody>
</table>

**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

### Potential Health Effects

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

## Section 3  Composition/information on ingredients
Material: Mosites #14116
Version 2.0
Revision Date: 01-04-18

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexamethyldisilazane reaction with Silica</td>
<td>68909-20-6</td>
<td>&gt;30 &lt;50</td>
</tr>
<tr>
<td>Octamethylcyclotetrasiloxane</td>
<td>556-67-2</td>
<td>&lt;1</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 personnel 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  $1.10 \text{ g/cm}^3$
Water solubility  insoluble
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 >4,800 mg/kg, rat
Dermal  LD50 2.5 ml/kg, rabbit
Inhalation  LC50 2975 ppm in 4 hours
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

<table>
<thead>
<tr>
<th>Waste Disposal</th>
<th>Dispose in accordance with all company and local regulations.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packaging disposal</td>
<td>Dispose of in accordance with all company and local regulations.</td>
</tr>
</tbody>
</table>

### 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
Material: Mosites #14116  
Version 2.0  
Revision Date: 01-04-18  

<table>
<thead>
<tr>
<th>HAPS</th>
<th>RoHS</th>
<th>California proposition 65</th>
<th>PA Right to Know</th>
<th>NJ Right to Know</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>dimethyl Siloxane, Dimethylvinylsilox</td>
<td>Hexamethyldisilazane reaction with silica</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>dimethyl siloxane, Dimethylvinylsilox</td>
<td>Hexamethyldisilazane reaction with silica</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Dimethyl, methylvinyl siloxane, dimethylvinyl-</td>
<td>Dimethylcyclosiloxanes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.