## Section 1  Product and Company Identification

**Trade Name**  Mosites #14274  
**Product Group**  Silicone Rubber Compound  
**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  
**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

**Eyes**  May cause eye irritation.  
**Inhalation**  May cause nose, throat and lung irritation.  
**Repeated exposure**  Vapors may have adverse effects on the reproductive system based on animal testing of a component of this material.  
**Target Organs**  Female reproductive system  
**Carcinogenicity**  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.

## Section 3  Composition/information on ingredients
Material: Mosites #14274  
Version 2.0  
Revision Date: 01-04-18

<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>Ingredient</td>
<td>68037-59-2</td>
<td>Polydimethyl hydrogenmethyl siloxane</td>
<td>&lt;= 5.0%</td>
</tr>
<tr>
<td>By-product</td>
<td>1333-74-0</td>
<td>Hydrogen gas</td>
<td>varies</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**    
  not applicable

- **Fire and Explosion hazards**    
  Burning may produce hydrogen gas, 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              black
### Material: Mosites #14274

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity</td>
<td>0.86 g/cm³</td>
</tr>
<tr>
<td>Water solubility</td>
<td>insoluble</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Information</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin irritation</td>
<td>none</td>
</tr>
<tr>
<td>Eye irritation</td>
<td>none</td>
</tr>
<tr>
<td>Repeated dose toxicity</td>
<td>none</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>female reproductive at 700 ppm</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td>none in animals</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>minor at 500ppm and 700ppm</td>
</tr>
<tr>
<td>Teratogenicity</td>
<td>none in animals</td>
</tr>
</tbody>
</table>

### 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
- HAPS
- RoHS
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Version 2.0
Revision Date: 01-04-18

California proposition 65
PA Right to Know
NJ Right to Know
Silica, amorphous, fumed
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.