Material: Mosites #14284
Version 2.0        Revision Date: 01-04-18

Section 1   Product and Company Identification

Trade Name     Mosites #14284
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
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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>
<tr>
<td>Item</td>
<td>1314-13-2</td>
<td>Zinc Oxide</td>
<td>&gt;33%</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  Accident 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
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Specific Gravity 3.33 g/cm³
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 >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 500 ppm and 700 ppm
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
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SARA 311/312
SARA 313
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.