SAFETY DATA SHEET

Material: Mosites #14248
Version 2.0        Revision Date: 01-04-18

Section 1   Product and Company Identification

Trade Name     Mosites #14248
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>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 personal to safe areas. Do not allow run-off from fire fighting to enter drains or water courses.
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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 maroon
Specific Gravity 1.15 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

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
dimethyl Siloxane, Dimethylvinylsilox
Hexamethyldisilazane reaction with silica
dimethyl siloxane, Dimethylvinylsilox
Hexamethyldisilazane reaction with silica
Dimethyl, methylvinyl siloxane,
dimethylvinyl-
Dimethylcyclosiloxanes

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.