



Material: Mosites #14127

Version 1.0

Revision Date: 1-22-15

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Section 1 Product and Company Identification

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|                         |  |
|-------------------------|--|
| Trade Name              | Mosites #14127   |
| Product Group           | Silicone Rubber Compound   |
| Manufacturer            | Mosites Rubber Company<br>2720 Tillar Street<br>Fort Worth, Texas 76107<br>USA                             |
| Customer Information    | Tel (817) 335-3451, Fax (817) 870-1564<br><a href="http://www.mositesrubber.com">www.mositesrubber.com</a> |
| Emergency Telephone no. | (817) 335-3451   |
| Office hours:           | 7:30am-5pm CST Monday-Thursday, 8am-3:30pm CST Friday  |

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Section 2 Hazards Identification

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|                          |  |
|--------------------------|--|
| 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. |

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Section 3 Composition/information on ingredients

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| Type     | CAS No.    | Substance                              | Content (wt%) |
|----------|------------|--|---------------|
| Impurity | 556-67-2   | Octamethyl cyclotetrasiloxane          | <1.0%         |
| Item     | 63148-62-9 | Polydimethylsiloxane with vinyl groups | >95%          |

**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)   |
| Fire and Explosion hazards   | Ignition Temperature >400 °C (>752 °F)<br>Burning may produce various hydrocarbon fragments, carbon dioxide, carbon monoxide, silicone dioxide, and formaldehyde.       |
| Suitable extinguishing media | Carbon dioxide (CO <sub>2</sub> ), 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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Water solubility insoluble

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**Section 10 Stability and Reactivity**

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|                         |  |
|-------------------------|--|
| 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. |

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**Section 11 Toxicological information**

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Information

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|------------------------|--------------------------------|
| 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                |

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**Section 12 Ecological information**

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This substance is not expected to produce toxic effects.

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**Section 13** Disposal considerations

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|--------------------|--|
| Waste Disposal     | Dispose in accordance with all company and local regulations.    |
| Packaging disposal | Dispose of in accordance with all company and local regulations. |

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**Section 14** Transport information

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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.

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**Section 15** Regulatory information

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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.