MATERIAL SAFETY DATA SHEET (MSDS)

PRODUCT:  SS-39D Orange Silicone RTV
Lower Viscosity

1. Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Chemical Family:</th>
<th>Silicone Rubber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula:</td>
<td>Mixture</td>
</tr>
</tbody>
</table>

2. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Product Composition</th>
<th>CAS Reg. No.</th>
<th>Approx. %</th>
<th>ACGIH</th>
<th>TLV</th>
<th>OSHA</th>
<th>PEL</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Wt.</td>
<td>TWA</td>
<td>STEL</td>
<td>TWA</td>
<td>STEL</td>
<td></td>
</tr>
<tr>
<td>A. HAZARDOUS</td>
<td>NONE FOUND</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. NON HAZARDOUS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polydimethylsiloxane</td>
<td>70131-67-8</td>
<td>45-50</td>
<td>NE</td>
<td>15</td>
<td>NE</td>
<td>NE</td>
<td>NA</td>
</tr>
<tr>
<td>silanol terminated</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trade Secret Component</td>
<td></td>
<td>1-5</td>
<td>NF</td>
<td>NE</td>
<td>NF</td>
<td>NE</td>
<td>NA</td>
</tr>
<tr>
<td>Polydimethylsiloxane</td>
<td>63148-62-9</td>
<td>10-29</td>
<td>--</td>
<td>NE</td>
<td>--</td>
<td>NE</td>
<td>NA</td>
</tr>
<tr>
<td>trimethyl terminated</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vinyl oximino silane</td>
<td>2224-33-1</td>
<td>1-5</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NA</td>
</tr>
<tr>
<td>2224-33-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modified silicon dioxide</td>
<td>68611-44-9</td>
<td>2-12</td>
<td>6</td>
<td>10</td>
<td>6</td>
<td>10</td>
<td>mg/m3</td>
</tr>
</tbody>
</table>

3. Hazards Identification

Potential Health Effects:

- Ingestion: NONE KNOWN
- Skin Contact: MAY CAUSE MILD SKIN IRRITATION
- Eye Contact: MAY CAUSE MILD EYE IRRITATION
- Inhalation: NONE KNOWN
- Medical Conditions Aggravated: NONE KNOWN
- Subchronic (TARGET ORGAN) Effects: NONE KNOWN
- Chronic Effects/Carcinogenicity: NONE KNOWN
- Principle Routes of Exposure: NONE KNOWN
- Other: THIS PRODUCT OR ONE OF IT’S INGREDIENTS PRESENT 0.1% or MORE IS NOT LISTED OR SUSPECTED AS A CARCINOGEN BY NTP, IARC OR OSHA

This product contains methylopolysiloxanes which can generate formaldehyde upon exposure above 300 degrees Centigrade in atmospheres which contain oxygen. Formaldehyde is a skin, eye, and throat irritant.
4. FIRST AID MEASURES

Ingestion: NONE KNOWN
Skin: WASH WITH SOAP AND WATER.
Inhalation: NONE KNOWN
In case of eye contact: FLUSH WITH WATER FOR 15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
Note to physician: NONE KNOWN

5. FIREFIGHTING MEASURES

Flash point: >315 C or 600 F
Autoignition temp: NA
Flammable limits in air - upper %: NA
Sensitivity to mechanical impact: NO
Sensitivity to static discharge: NO
Extinguishing media: ALL STANDARD FIREFIGHTING MEDIA
Special firefighting procedures: NONE KNOWN

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled: SCRAPE-UP and PLACE IN AN INERT MATERIAL FOR DISPOSAL

7. HANDLING and STORAGE

Precautions to be taken during handling and storage: CURE ONLY WITH APPROPRIATE VENTILATION.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: NONE KNOWN
Respiratory protection: NONE REQUIRED
Protective gloves: CLOTH GLOVES
Eye and face protection: SAFETY GLASSES
Other protective equipment: NONE REQUIRED
Ventilation: CURE IN WELL VENTILATED AREAS

9. PHYSICAL and CHEMICAL PROPERTIES

Boiling point: NA
Vapor pressure: NA
Vapor density: NA
Freezing point: NA
Melting point: NA
Physical state: LIQUID
Odor: MILD
% Volatile by volume: <1
Evaporation rate: <1
Specific gravity: .98
Density: (Kg/M3) 980
Acid/alkalinity: UNKNOWN
pH: NA
VOC: NT
Solubility in water: INSOLUBLE
Solubility in organic solvents: PARTIALLY SOLUBLE IN TOLUENE

10. STABILITY and REACTIVITY

Stability: STABLE
Hazardous polymerization: WILL NOT OCCUR
Hazardous thermal decomposition/combustion products: CARBON DIOXIDE, CARBON MONOXIDE SILICON DIOXIDE, FORMALDEHYDE
Conditions to avoid: NONE KNOWN
11. TOXICOLOGICAL INFORMATION

Product Information:
Acute Oral LD50: UNKNOWN
Acute Dermal LD50: UNKNOWN
Acute Inhalation LC50: UNKNOWN
Ames Test: UNKNOWN

12. ECOLOGICAL INFORMATION

Ecotoxicological Information: UNKNOWN
Chemical Fate Information: UNKNOWN

13. DISPOSAL CONSIDERATIONS

Disposal Method: DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CONSIDERATIONS

14. TRANSPORT INFORMATION

DOT Shipping Name: NA
DOT Hazard Class: NOT DOT REGULATED
DOT Label: NA
UN/NA Label: NA
Placards: None
IATA: NA
IMO IMDG-code: NA
European Class:
  RID ( OCT I ): NA
  ADR ( ECE ): NA
  RAR ( IATA ): NA

15. REGULATORY INFORMATION

SARA Section 302: NONE
SARA ( 311, 312 ) Hazard Class: NONE
SARA ( 313 ) Chemicals: NA
CPSC Classification: NONE
WHMIS Hazard Class: 3910.00 Silicones in primary form.
Export Schedule B/HTSUS: EAR99
ECCN:
Hazard Rating Systems
  HMIS: HEALTH 1, FLAMMABILITY 0, REACTIVITY 0
  NFPA: HEALTH 1, FLAMMABILITY 0, REACTIVITY 0
California Proposition 65: NONE

16. OTHER

This product or its components are on the European inventory (EINECS) of existing commercial chemicals. This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.