1. PRODUCT IDENTIFICATION

**TRADE NAME:** GT-1340

**OTHER MEANS OF IDENTIFICATION:**

**RECOMMENDED USE OF PRODUCT:** Mold-making Rubber

**SUPPLIER’S DETAILS:** GT Products, Inc.
501 Industrial Blvd.
Grapevine, TX 76051
Telephone: (800) 221-0866
(817) 481-7113
Fax: (817) 421-1211

**EMERGENCY CONTACT:** CHEMTREC (24 Hours): 1-800-424-9300

2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATION**

- **PHYSICAL HAZARDS:** Not Classified
- **HEALTH HAZARDS:** Not Classified
- **ENVIRONMENTAL HAZARDS:** Not Classified

**GHS LABEL ELEMENTS**

- **PICTOGRAMS:** None
- **SIGNAL WORDS:** None
- **HAZARD STATEMENTS:** None
- **PRECAUTIONARY STATEMENTS [PREVENTION]:** None
- **[RESPONSE]:** None
- **[STORAGE]:** None
- **[DISPOSAL]:** None

3. COMPOSITION AND INFORMATION ON INGREDIENTS
**GT Products, Inc.**

**SAFETY DATA SHEET**

**Substance or Mixture**

Mixture

**Hazardous Ingredients**

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14808-60-7</td>
<td>10 - 20%</td>
</tr>
</tbody>
</table>

*Quartz or crystalline silica is considered to be a nuisance dust. All hazards associated with the substance are only applicable when the substance is in its respirable form. However, crystalline silica is not expected to be hazardous when compounded into a liquid polymer like its current state in this product because it is no longer respirable under normal conditions. Therefore, all hazards associated with respirable quartz are not listed.*

4. **FIRST AID MEASURES**

**INGESTION:**

Seek medical attention; Do NOT induce vomiting.

**SKIN CONTACT:**

Remove contaminated clothing immediately and dispose of safely. When in contact with the skin, clean with soap and water.

**INHALATION:**

No first aid should be needed. Remove to fresh air.

**EYE CONTACT:**

Immediately flush with COOL water for 15 minutes; Call a physician if irritation persists.

**PROTECTION FOR FIRST-AIDERS:**

A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

5. **FIRE-FIGHTING MEASURES**

**SUITABLE EXTINGUISHING MEDIA:**

Foam, carbon dioxide, dry chemical

**SPECIFIC FIRE HAZARDS:**

Fire will form hazardous combustion gases of carbon dioxide (CO₂), carbon monoxide (CO), SiO₂, and oxides of nitrogen (NOₓ). Product contains silicone, which is known to produce formaldehyde when temperatures reach in excess of 150°C. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard.

**FIREFIGHTER EQUIPMENT:**

Wear respirator and all protective coverings.

6. **ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY: ENVIRONMENTAL PRECAUTIONS: CLEAN UP:**

Safety glasses and gloves are suggested to prevent eye and skin contact. Provide sufficient ventilation. Prevent product from entering drains. Scrape up and disposed of in accordance with appropriate laws and regulations.

7. **HANDLING AND STORAGE**
GT Products, Inc.
SAFETY DATA SHEET

HANDLING: Wear protective equipment; Avoid contact with skin and eyes.

STORAGE: Keep container tightly closed. Store in a cool, dry place. Keep away from oxidizing material.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS:

<table>
<thead>
<tr>
<th>Hazardous Ingredient</th>
<th>CAS#</th>
<th>Limit/Set by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>For Respirable Dust - TWA: 0.025mg/m3(ACGIH), 0.3mg/m3(OSHA)</td>
</tr>
</tbody>
</table>

ENGINEERING CONTROLS: None Available

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: Not required under normal use
HAND PROTECTION Protective gloves
EYE PROTECTION Wear safety glasses or goggles. Face shield if situation requires
SKIN AND BODY PROTECTION Protective clothing if situation requires

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Paste
ODOR: No Odor
ODOR THRESHOLD: Not Available
pH: Not Available
MELTING POINT: Not Available
BOILING POINT RANGE: Not Applicable, will decompose before it will boil
FLASH POINT: >205°F (Setaflash)
EVAPORATION RATE: Not Available
FLAMMABILITY(solid/gas): Not Available
EXPLOSION LIMITS:
UPPER Not Available
LOWER Not Available
VAPOR PRESSURE: <0.1mbar @ 68°F
VAPOR DENSITY: All vapors are denser than air
RELATIVE DENSITY: 1.3 g/mL
SOLUBILITY: Not soluble in water
PARTITION COEFFICIENT: N-OCTANOL/WATER: Not Available
AUTO-IGNITION TEMPERATURE: Not Available
DECOMPOSITION TEMPERATURE: >150°C
VISCOSITY: 70,000 cP

10. STABILITY AND REACTIVITY
GT Products, Inc.
SAFETY DATA SHEET

REACTIVITY: Product is designed to react with a catalyst to initiate vulcanization.

CHEMICAL STABILITY: Stable in the absence of contamination

HAZARDOUS REACTIONS: None

CONDITIONS TO AVOID: Avoid contact with strong acids, alkalis, and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous combustion gases of carbon dioxide (CO₂), carbon monoxide (CO), SiO₂, and oxides of nitrogen (NOₓ). Product contains silicone, which is known to produce formaldehyde when temperatures reach in excess of 150°C. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard.

INCOMPATIBILITY: Acids, Alkalis, Oxidizing Agents

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Oral – LD₅₀(Rat): >15156 mg/kg (calculated from known toxicities)

SKIN CORROSION/IRRITATION: Not Available

EYE DAMAGE/IRRITATION: Not Available

RESPIRATORY OR SKIN SENSITIZATION: Not Available

GERM CELL MUTAGENICITY: Not Available

Carcinogenicity: Quartz (CAS 14808-60-7) is listed by the IARC and the NTP to cause cancer in humans.

REPRODUCTIVE TOXICITY: Not Available

STOST- SINGLE EXPOSURE: Not Available

STOST- REPEATED EXPOSURE: Not Available

ASPIRATION HAZARD: Not Available

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Do not allow to enter soil, waterways or waste water canal. It is not allowed to be released into biological sewage treatment plants. Ecological data is not available.

PERSISTENCE/DEGRADABILITY: Not Available

BIACCUMULATIVE POTENTIAL: Not Available

MOBILITY IN SOIL: Not Available

13. DISPOSAL CONSIDERATIONS

Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

14. TRANSPORT INFORMATION

UN/NA Number: Not Regulated

DOT SHIPPING NAME: Not Regulated

DOT HAZARD CLASS: Not Regulated
IMDG – P.S.N.: Not Regulated
IMDG – CLASS: Not Regulated
IMDG – PACKING GROUP: Not Regulated
IMDG – Marine Pollutant: Not Regulated
IATA - P.S.N.: Not Regulated
IATA - CLASS: Not Regulated
IATA – PACKING GROUP: Not Regulated

This product and its ingredients are NOT considered dangerous goods according to the UN Model Regulations, ADR, RID, and the ADN.

15. REGULATORY INFORMATION

US REGULATIONS

US SARA REPORTING REQUIREMENTS: The components of this product are subject to the reporting requirements of Section 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act, and are listed as follows:

<table>
<thead>
<tr>
<th>Hazardous Ingredient</th>
<th>SARA 302 (40 CFR 355, Appendix A)</th>
<th>SARA 304 (40 CFR Table 302.4)</th>
<th>SARA 313 (40 CFR 372.65)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz, Amorphous Silica</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

SARA 311/312 (40 CFR 370) HAZARDS: Acute: No, Chronic: No, Fire: No, Pressure: No

CALIFORNIA, (PROPOSITION 65): Quartz, crystalline silica

TSCA INVENTORY STATUS: These materials or all of their contents are listed on the Toxic Substances Control Act (TSCA).

CANADIAN DSL/NDSL INVENTORY: The components of this product are on the DSL or NDSL Inventories.

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: The components of this product are listed on the AICS

KOREAN INVENTORY: The components of this product are listed or exempted.

16. OTHER INFORMATION

HMIS Rating: Health-1, Fire-0, Reactive-0

This product contains crystalline silica which is hazardous if it is inhaled. However, in this product, the silica is wetted out with various polyorganosiloxanes to where it is no longer in powder form, meaning it is incapable of becoming airborne under normal use conditions. Because the product is a mixture, the majority of the data used was transferred from the safety data sheets of the product’s hazardous ingredients, whose manufacturer identity we wish to remain anonymous for competitive reasons.

We believe the above information is correct as of the date of this MSDS. However, as this information and the conditions under which the product are used are beyond the control of GT PRODUCTS, INC., it is the user’s obligation to determine the conditions for the safe use of the product. No warranty, expressed or implied, is hereby made.
1. PRODUCT IDENTIFICATION

TRADE NAME: CA-1340
OTHER MEANS OF IDENTIFICATION: RECOMMENDED USE OF PRODUCT: Curing Agent for Mold-making Rubber
SUPPLIER'S DETAILS: GT Products, Inc.
501 Industrial Blvd.
Grapevine, TX 76051
Telephone: (800) 221-0866
  (817) 481-7113
Fax: (817) 421-1211

EMERGENCY CONTACT: CHEMTREC (24 Hours): 1-800-424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS Not Classified
HEALTH HAZARDS Skin Irritation/Corrosion – Category 2
  Serious Eye Damage/Eye Irritation – Category 2A
ENVIRONMENTAL HAZARDS Specific Target Organ Systemic Toxicity (SE) – Category 3
              Not Classified

GHS LABEL ELEMENTS

PICTOGRAMS

SIGNAL WORDS Warning
HAZARD STATEMENTS H315: Causes skin irritation
  H319: Causes serious eye irritation
  H335: May cause respiratory irritation

PRECAUTIONARY STATEMENTS [PREVENTION]
P261: Avoid breathing dust/fume/gas/mist/vapors/spray
P264: Wash thoroughly after handling
P271: Use only outdoors or in a well-ventilated area
P280: Wear protective gloves/protective clothing/eye protection/face protection.
3. COMPOSITION AND INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance or Mixture</th>
<th>Hazardous Ingredients</th>
<th>CAS#</th>
<th>Percentage (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixture</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methylhydrosiloxane-dimethylsiloxane copolymer, Hydride Terminated</td>
<td>69013-23-6</td>
<td>25-40</td>
<td></td>
</tr>
<tr>
<td>Tetravinyltetramethylcyclotetrasiloxane</td>
<td>2554-06-5</td>
<td>0.5-2</td>
<td></td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

**INGESTION:**
Never give anything by mouth to an unconscious person. Rinse mouth out with water. Seek medical attention; Do NOT induce vomiting.

**SKIN CONTACT:**
Remove contaminated clothing immediately and dispose of safely.
When in contact with the skin, clean with soap and water.

**INHALATION:**
No first aid should be needed. Remove to fresh air. If not breathing, give artificial respiration.

**EYE CONTACT:**
Immediately flush with COOL water for 15 minutes; Call a physician if irritation persists.

**PROTECTION FOR FIRST-AIDERS:**
A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

5. FIRE-FIGHTING MEASURES

**SUITE EXTINGUISHING MEDIA:**
Foam, Carbon Dioxide, Dry Chemical
SPECIFIC FIRE HAZARDS: Fire will form hazardous combustion gases of Carbon dioxide (CO₂) and Carbon Monoxide (CO). Product contains silicone, which is known to produce formaldehyde when temperatures reach in excess of 150°C. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard.

FIREFIGHTER EQUIPMENT: Wear respirator and all protective coverings.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECATIONS, PROTECTIVE EQUIPMENT AND EMERGENCY: Safety glasses and gloves are suggested to prevent eye and skin contact. Provide sufficient ventilation.

ENVIRONMENTAL PRECAUTIONS: Prevent product from entering drains.

CLEAN UP: Dispose of in accordance with appropriate laws and regulations.

7. HANDLING AND STORAGE

HANDLING: Wear protective equipment; Avoid contact with skin and eyes.

STORAGE: Keep container tightly closed. Store in a cool, dry place. Keep away from oxidizing material, in a well-ventilated area. Store locked up.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS: None Available

ENGINEERING CONTROLS: None Available

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: No required under normal use

HAND PROTECTION: Protective gloves

EYE PROTECTION: Wear safety glasses or goggles. Face shield if situation requires

SKIN AND BODY PROTECTION: Protective clothing if situation requires

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: No Odor

ODOR THRESHOLD: Not Available

pH: Not Available

MELTING POINT: Not Available

BOILING POINT RANGE: Not Applicable, will decompose before it will boil

FLASH POINT: >205°F (Setaflash)

EVAPORATION RATE: Not Available

FLAMMABILITY(solid/gas): Not Available
### EXPLOSION LIMITS:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper</td>
<td>Not Available</td>
</tr>
<tr>
<td>Lower</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

### VAPOR PRESSURE:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;0.1 mbar @ 68°F</td>
<td></td>
</tr>
</tbody>
</table>

### VAPOR DENSITY:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>All vapors are denser than air</td>
<td></td>
</tr>
</tbody>
</table>

### RELATIVE DENSITY:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 g/mL</td>
<td></td>
</tr>
</tbody>
</table>

### SOLUBILITY:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not soluble in water</td>
<td></td>
</tr>
</tbody>
</table>

### PARTITION COEFFICIENT:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-Octanol/Water</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

### AUTO-IGNITION TEMPERATURE:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Available</td>
<td></td>
</tr>
</tbody>
</table>

### DECOMPOSITION TEMPERATURE:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;150°C</td>
<td></td>
</tr>
</tbody>
</table>

### VISCOSITY:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Available</td>
<td></td>
</tr>
</tbody>
</table>

### STABILITY AND REACTIVITY

#### Reactivity:

Product is designed to react with its counterpart base containing vinyl functional groups in the presence of a platinum catalyst.

#### Chemical Stability:

Stable in the absence of contamination

#### Hazardous Reactions:

None

#### Conditions to Avoid:

Avoid contact with strong acid.

#### Hazardous Decomposition Products:

Hazardous combustion gases of Carbon dioxide (CO₂), Carbon Monoxide (CO), SiO₂. Contact with acids or bases releases flammable hydrogen gas.

Product contains silicone, which is known to produce formaldehyde when temperatures reach in excess of 150°C. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard

#### Incompatibility:

Acids, alkalis

### TOXICOLOGICAL INFORMATION

#### Acute Toxicity:

Acute Toxicity Estimate (ATE) based on ingredient's known toxicity

*Oral – LD₅₀(Rat): 15,440mg/kg

#### Skin Corrosion/Irritation:

Methylhydrosiloxane-dimethylsiloxane copolymer, Hydride Terminated is listed to cause skin irritation.

#### Eye Damage/Irritation:

Methylhydrosiloxane-dimethylsiloxane copolymer, Hydride Terminated, and Tetravinyltetramethylcyclotetrasiloxane are listed to cause serious eye irritation.

#### Respiratory or Skin Sensitization:

Not Available

#### Germ Cell Mutagenicity:

Not Available

#### Reproductive Toxicity:

Not Available

#### STOST- Single Exposure:

Methylhydrosiloxane-dimethylsiloxane copolymer, Hydride Terminated is listed to may cause respiratory irritation through inhalation

#### STOST- Repeated Exposure:

Not Available

#### Aspiration Hazard:

Not Available

### ECOLOGICAL INFORMATION
13. DISPOSAL CONSIDERATIONS

Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

14. TRANSPORT INFORMATION

**UN/NA Number:** Not Regulated

**DOT Shipping Name:** Not Regulated

**DOT Hazard Class:** Not Regulated

**IMDG - P.S.N.:** Not Regulated

**IMDG - Class:** Not Regulated

**IMDG - Packing Group:** Not Regulated

**IMDG - Marine Pollutant:** Not Regulated

**IATA - P.S.N.:** Not Regulated

**IATA - Class:** Not Regulated

**IATA - Packing Group:** Not Regulated

This product and its ingredients are NOT considered dangerous goods according to the UN Model Regulations, ADR, RID, and the ADN.

15. REGULATORY INFORMATION

**US REGULATIONS**

**US SARA Reporting Requirements:** The components of this product are subject to the reporting requirements of Section 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act, and are listed as follows:

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<tbody>
<tr>
<td>Methylhydrosiloxane-dimethylsiloxane copolymer, Hydride Terminated</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**U.S. SARA Threshold Planning Quantity:** There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20
GT Products, Inc.
SAFETY DATA SHEET

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

SARA 311/312(40 CFR 370) HAZARDS: Acute: No, Chronic: No, Fire: No, Pressure: No

CALIFORNIA, (PROPOSITION 65): Neither this product nor its ingredients are listed

TSCA INVENTORY STATUS: These materials or all of their contents are listed on the Toxic Substances Control Act (TSCA).

CANADIAN DSL/ NDSL INVENTORY: The components of this product are on the DSL or NDSL Inventories.

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KOREAN INVENTORY: The components of this product are listed or exempted.

16. OTHER INFORMATION

HMIS Rating: Health-1, Fire-0, Reactive-0
Because the product is a mixture, the majority of the data used was transferred from the safety data sheets of the product’s hazardous ingredients, whose manufacturer identity we wish to remain anonymous for competitive reasons.

We believe the above information is correct as of the date of this MSDS. However, as this information and the conditions under which the product are used are beyond the control of GT PRODUCTS, INC., it is the user's obligation to determine the conditions for the safe use of the product. No warranty, expressed or implied, is hereby made.

Date Created/Revised: 12/07/15  Made By: Daniel Shaw