1. IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Identifier</th>
<th>ASI 504</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>ASI 504</td>
</tr>
<tr>
<td>Other means of identification</td>
<td>SDS # AMER-013</td>
</tr>
<tr>
<td>Synonyms</td>
<td>Silicone Elastomer.</td>
</tr>
<tr>
<td>Recommended use of the chemical and restrictions on use</td>
<td>Recommended Use: One component silicone rubber compound. For industrial use.</td>
</tr>
<tr>
<td>Details of the supplier of the safety data sheet</td>
<td>Supplier Address: American Sealants, Inc. 3806 Option Pass Fort Wayne, IN 46818</td>
</tr>
<tr>
<td>Emergency Telephone Number</td>
<td>Telephone: (260) 489-0728 Fax: (260) 489-0519</td>
</tr>
<tr>
<td>Emergency Telephone (24 hr)</td>
<td>INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)</td>
</tr>
</tbody>
</table>

2. HAZARDS IDENTIFICATION

<table>
<thead>
<tr>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Inhalation (Vapors)</td>
</tr>
<tr>
<td>Skin corrosion/iritation</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Signal Word</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warning</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazard Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>Causes serious eye irritation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paste</td>
<td>Acetic acid odor</td>
</tr>
</tbody>
</table>
Precautionary Statements - Prevention
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a poison center or doctor/physician if you feel unwell

Other Hazards
Harmful to aquatic life with long lasting effects
Harmful to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms
Silicone Elastomer.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydroxy-terminated Dimethyl siloxane</td>
<td>70131-67-8</td>
<td>&gt;60</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated middle</td>
<td>64742-46-7</td>
<td>15-40</td>
</tr>
<tr>
<td>Amorphous silica (glass)</td>
<td>7631-86-9</td>
<td>7-13</td>
</tr>
<tr>
<td>Methyltriacetoxysilane</td>
<td>4253-34-3</td>
<td>1-5</td>
</tr>
<tr>
<td>Ethyltriacetoxysilane</td>
<td>17689-77-9</td>
<td>1-5</td>
</tr>
</tbody>
</table>

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if irritation persists.

Skin Contact
Remove from skin and wash thoroughly with soap and water or waterless cleanser. Take off contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if irritation occurs.

Inhalation
Material is not likely to present an inhalation hazard at ambient conditions. If material is heated or vapor is generated, care should be taken to prevent inhalation. In case of exposure to vapor, move to fresh air. Call a physician if you feel unwell.

Ingestion
Seek medical attention. Do not induce vomiting.

Most important symptoms and effects

Symptoms
May cause eye burns and permanent eye damage. Causes skin irritation. Vapors may cause irritation to nose, throat, and respiratory tract. High vapor concentrations may cause central nervous system depression which can lead to dizziness, weakness and headache.

Indication of any immediate medical attention and special treatment needed

Notes to Physician
Treat symptomatically.
5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Small Fire Use carbon dioxide (CO2), dry chemical or water spray.

Large Fire Use dry chemical, foam or water spray.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical
None known.

Hazardous Combustion Products May evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicone dioxide. Formaldehyde.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray to keep fire-exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use full face respirator. Chemical protective gloves are recommended.

Environmental Precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Wipe up or scrape up & contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state & federal laws & regulations may apply to releases & disposal of this material as well as those materials & items employed in the cleanup of releases. You will need to determine which federal, state & local laws & regulations are applicable. Sections 13 & 15 of this SDS provide information regarding certain federal & state requirements.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Use personal protection recommended in Section 8. Avoid breathing vapors or mists. Use with adequate ventilation. Wash thoroughly after handling. Product evolves acetic acid (HOAc) when exposed to water or humid air. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials. Store away from water or moisture.

Incompatible Materials Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form as described in Section 8.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amorphous silica (glass)</td>
<td>-</td>
<td>(vacated) TWA: 6 mg/m³ &lt;1% Crystalline silica TWA: 20 mppcf (80)(% SiO2) mg/m³ TWA</td>
<td>IDLH: 3000 mg/m³ TWA: 6 mg/m³</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

**Engineering Controls**

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. Ventilation systems. Eyewash stations. Showers.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**

Safety glasses as a minimum for protection.

**Skin and Body Protection**

Chemical resistant protective gloves. Nitrile Rubber or Sivler Shield ®. 4H(R).

**Respiratory Protection**

Where ventilation is inadequate or when material is used at elevated temperatures, use suitable NIOSH/MSHA approved respirator equipped with appropriate filter cartridges.

**General Hygiene Considerations**

Wash at mealtime and end of shift. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

- **Physical State**: Paste
- **Appearance**: Not determined
- **Color**: Not determined
- **Odor**: Acetic acid odor
- **Odor Threshold**: Not determined
- **Remarks**
- **Method**

**Property**

- **pH**: Not determined
- **Melting Point/Freezing Point**: Not determined
- **Boiling Point/Boiling Range**: Not determined
- **Flash Point**: Not determined
- **Evaporation Rate**: Not determined
- **Flammability (Solid, Gas)**: Not determined
- **Upper Flammability Limits**: Not determined
- **Lower Flammability Limit**: Not determined
- **Vapor Pressure**: Not determined
- **Vapor Density**: Not determined
- **Specific Gravity**: 0.96 @ 25 °C (77 °F)
- **Water Solubility**: Not determined
- **Solubility in other solvents**: Not determined
- **Partition Coefficient**: Not determined
- **Autoignition Temperature**: Not determined
- **Decomposition Temperature**: Not determined
- **Kinematic Viscosity**: Not determined
- **Dynamic Viscosity**: Not determined
- **Explosive Properties**: Not determined
- **Oxidizing Properties**: Not determined
10. STABILITY AND REACTIVITY

**Reactivity**
Not reactive under normal conditions.

**Chemical Stability**
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**
See below - Incompatible Materials.

  **Hazardous Polymerization** Hazardous polymerization does not occur.

**Conditions to Avoid**
None known.

**Incompatible Materials**
Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form as described in Section 8.

**Hazardous Decomposition Products**
May evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicone dioxide. Formaldehyde.

11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

  **Eye Contact**
  Causes serious eye irritation.

  **Skin Contact**
  Causes skin irritation.

  **Inhalation**
  Harmful if inhaled.

  **Ingestion**
  Do not taste or swallow.

**Component Information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated</td>
<td>= 7400 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>= 4.6 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>middle 64742-46-7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amorphous silica (glass) 7631-86-9</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>&gt; 2.2 mg/L (Rat) 1 h</td>
</tr>
<tr>
<td>Methyltriacetoxysilane 4253-34-3</td>
<td>= 2060 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Information on physical, chemical and toxicological effects**

  **Symptoms**
  Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Carcinogenicity

Not classifiable as a human carcinogen.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amorphous silica (glass)</td>
<td></td>
<td>Group 3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

Numerical measures of toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated middle 64742-46-7</td>
<td>35: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Pimephales promelas mg/L LC50 static</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amorphous silica (glass) 7631-86-9</td>
<td>440: 72 h Pseudokirchneriella subcapitata mg/L EC50</td>
<td>5000: 96 h Brachydanio rerio mg/L LC50 static</td>
<td>7600: 48 h Ceriodaphnia dubia mg/L EC50</td>
<td></td>
</tr>
</tbody>
</table>

Persistence/Degradability

Complete information is not yet available

Bioaccumulation

Not determined

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated
15. REGULATORY INFORMATION

International Inventories

TSCA
All ingredients are listed or exempt from listing on Chemical Substance Inventory

Legend:
- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CERCLA
Does not apply

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>NJ</th>
<th>MA</th>
<th>PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

SARA 313
Not Applicable

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amorphous silica (glass)</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>7631-86-9</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1</td>
<td>0</td>
<td></td>
<td>Not determined</td>
</tr>
</tbody>
</table>

**Issue Date:** 02-Nov-2011  
**Revision Date:** 07-Aug-2013  
**Revision Note:** New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**