1. Identification

**Product identifier:** SSG4000AC.09 GREY

**Other means of identification**

**Synonyms:** SILICONE RUBBER SEALANT

**Recommended use and restriction on use**

**Recommended use:** Silicone Elastomer  
**Restrictions on use:** Not known.

**Manufacturer/Importer/Distributor Information**

- Momentive Performance Materials LLC  
  260 Hudson River Road  
  Waterford NY 12188

**Contact person**

- commercial.services@momentive.com

**Telephone**

- General information  
  +1-800-295-2392

**Emergency telephone number**

**Supplier**

- CHEMTREC  
  1-800-424-9300

2. Hazard(s) identification

**Hazard Classification**

- Not classified

**Label Elements**

- **Hazard Symbol:** No symbol
- **Signal Word:** No signal word.
- **Hazard Statement:** Not applicable
- **Precautionary Statements:** Not applicable

**Other hazards which do not result in GHS classification:** None.
3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>CAS number</th>
<th>Content in percent (%)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) CALCIUM CARBONATE</td>
<td>1317-65-3</td>
<td>20 - &lt;50%</td>
<td># This substance has workplace exposure limit(s).</td>
</tr>
<tr>
<td>Octadecanoic acid</td>
<td>57-11-4</td>
<td>0.1 - &lt;1%</td>
<td># This substance has workplace exposure limit(s).</td>
</tr>
<tr>
<td>(1) TITANIUM DIOXIDE</td>
<td>13463-67-7</td>
<td>0.1 - &lt;1%</td>
<td># This substance has workplace exposure limit(s).</td>
</tr>
<tr>
<td>(1) QUARTZ</td>
<td>14808-60-7</td>
<td>0.1 - &lt;1%</td>
<td># This substance has workplace exposure limit(s).</td>
</tr>
</tbody>
</table>

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

(1) The respirable particle(s) listed above are inextricably bound within the polymer matrix, and therefore does not present an inhalation hazard during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

4. First-aid measures

General information: No action shall be taken involving any personal risk or without suitable training.

Ingestion: If swallowed, do NOT induce vomiting. Give a glass of water.

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

Skin Contact: To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water. If skin irritation occurs: Get medical advice/attention.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Most important symptoms/effects, acute and delayed

<table>
<thead>
<tr>
<th>Symptoms:</th>
<th>Treatment is symptomatic and supportive.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazards:</td>
<td>No data available.</td>
</tr>
</tbody>
</table>

Indication of immediate medical attention and special treatment needed

| Treatment:                      | This product reacts with moisture in the acid contents of the stomach to form methanol. Treatment is symptomatic and supportive. |

5. Fire-fighting measures

<table>
<thead>
<tr>
<th>General Fire Hazards:</th>
<th>Use standard firefighting procedures and consider the hazards of other involved materials. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suitable (and unsuitable) extinguishing media:</td>
<td></td>
</tr>
<tr>
<td>Suitable extinguishing media:</td>
<td>All standard extinguishing agents are suitable.</td>
</tr>
<tr>
<td>Unsuitable extinguishing media:</td>
<td>Avoid water in straight hose stream; will scatter and spread fire.</td>
</tr>
<tr>
<td>Specific hazards arising from the chemical:</td>
<td>In case of fire, carbon monoxide and carbon dioxide may be formed. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. Reacts with water liberating small amounts of methanol. This material is reactive with water, but the reaction will not significantly increase the fire severity.</td>
</tr>
<tr>
<td>Special protective equipment and precautions for firefighters:</td>
<td></td>
</tr>
<tr>
<td>Special fire fighting procedures:</td>
<td>Move container from fire area if it can be done without risk. Cool fire-endangered containers with water.</td>
</tr>
<tr>
<td>Special protective equipment for fire-fighters:</td>
<td>Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.</td>
</tr>
</tbody>
</table>

6. Accidental release measures

| Personal precautions, protective equipment and emergency procedures: | Keep container closed. Avoid contact with skin and eyes. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the finger and hands. Product releases methanol during application and curing. Keep out of reach of children. See Section 8 of the SDS for Personal Protective Equipment. |
Methods and material for containment and cleaning up:
Wipe, scrape or soak up in an inert material and put in a container for disposal. Wear proper protective equipment as specified in the protective equipment section.

7. Handling and storage

Precautions for safe handling: Sensitivity to static discharge is not expected.

Conditions for safe storage, including any incompatibilities:
Keep away from heat, sparks and open flame. Keep container tightly closed.

8. Exposure controls/personal protection

Control Parameters

<table>
<thead>
<tr>
<th>Occupational Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Identity</td>
</tr>
<tr>
<td>(1) CALCIUM CARBONATE - Respirable.</td>
</tr>
<tr>
<td>(1) CALCIUM CARBONATE - Total</td>
</tr>
<tr>
<td>(1) CALCIUM CARBONATE - Total dust.</td>
</tr>
<tr>
<td>(1) CALCIUM CARBONATE - Respirable fraction.</td>
</tr>
<tr>
<td>(1) CALCIUM CARBONATE - Total dust.</td>
</tr>
<tr>
<td>(1) CALCIUM CARBONATE - Respirable fraction.</td>
</tr>
<tr>
<td>(1) CALCIUM CARBONATE - Total dust.</td>
</tr>
<tr>
<td>(1) CALCIUM CARBONATE - Respirable fraction.</td>
</tr>
<tr>
<td>Octadecanoic acid - Respirable fraction.</td>
</tr>
<tr>
<td>Octadecanoic acid - Inhalable fraction.</td>
</tr>
<tr>
<td>Octadecanoic acid - Vapor.</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>(1) TITANIUM DIOXIDE</td>
</tr>
<tr>
<td>(1) TITANIUM DIOXIDE - Total dust.</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>(1) TITANIUM DIOXIDE - Particulate.</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Substance</td>
</tr>
<tr>
<td>----------------------------</td>
</tr>
<tr>
<td>(1) TITANIUM DIOXIDE</td>
</tr>
<tr>
<td>- Total dust.</td>
</tr>
<tr>
<td>(1) TITANIUM DIOXIDE</td>
</tr>
<tr>
<td>- Respirable fraction.</td>
</tr>
<tr>
<td>TWA</td>
</tr>
<tr>
<td>(1) TITANIUM DIOXIDE</td>
</tr>
<tr>
<td>- Total dust.</td>
</tr>
<tr>
<td>(1) TITANIUM DIOXIDE</td>
</tr>
<tr>
<td>- Respirable fraction.</td>
</tr>
<tr>
<td>TWA</td>
</tr>
<tr>
<td>(1) TITANIUM DIOXIDE</td>
</tr>
<tr>
<td>TWA</td>
</tr>
<tr>
<td>(1) QUARTZ - Respirable</td>
</tr>
<tr>
<td>fraction.</td>
</tr>
<tr>
<td>TWA</td>
</tr>
<tr>
<td>(1) QUARTZ - Respirable</td>
</tr>
<tr>
<td>dust.</td>
</tr>
<tr>
<td>REL</td>
</tr>
<tr>
<td>(1) QUARTZ - Respirable</td>
</tr>
<tr>
<td>dust.</td>
</tr>
<tr>
<td>PEL</td>
</tr>
<tr>
<td>TWA</td>
</tr>
<tr>
<td>TWA</td>
</tr>
<tr>
<td>(1) QUARTZ - Particulate.</td>
</tr>
<tr>
<td>TWA</td>
</tr>
<tr>
<td>AN ESL</td>
</tr>
<tr>
<td>(1) QUARTZ - Respirable</td>
</tr>
<tr>
<td>dust.</td>
</tr>
<tr>
<td>TWA</td>
</tr>
<tr>
<td>(1) QUARTZ - Respirable</td>
</tr>
<tr>
<td>TWA</td>
</tr>
<tr>
<td>TWA</td>
</tr>
<tr>
<td>(1) QUARTZ</td>
</tr>
</tbody>
</table>

This product contains one or more substances with an occupational exposure limit. However, the respirable particle(s) of this/these substance(s) are inextricably bound within the polymer matrix. Therefore, we do not expect an exposure to this/these substance(s) during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.
Appropriate Engineering Controls

Eye wash facilities and emergency shower must be available when handling this product. Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

Individual protection measures, such as personal protective equipment

General information: No data available.

Eye/face protection: Safety glasses with side shields

Skin Protection

Hand Protection: Rubber gloves are recommended.

Other: Wear suitable protective clothing and eye/face protection.

Respiratory Protection: If inhalation exposure is expected, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

Hygiene measures: Provide adequate ventilation. Observe good industrial hygiene practices. Avoid contact with eyes, skin, and clothing. Wash hands after handling. When using do not eat, drink or smoke.

9. Physical and chemical properties

Appearance

Physical state: solid
Form: Paste
Color: Gray
Odor: Sweet
Odor threshold: No data available.
pH: No data available.
Melting point/freezing point: No data available.
Initial boiling point and boiling range: Not applicable
Flash Point: > 93.3 °C (estimated)
Evaporation rate: < 1
Flammability (solid, gas): No data available.

Upper/lower limit on flammability or explosive limits

Flammability limit - upper (%): No data available.
Flammability limit - lower (%): No data available.
Explosive limit - upper: No data available.
Explosive limit - lower: No data available.
Heat of combustion: No data available.

Vapor pressure: Negligible
Vapor density: Negligible
Density: ca. 1.5 g/cm³
Relative density: ca. 1.52
Solubility(ies)
  Solubility in water: Insoluble
  Solubility (other): No data available.
Partition coefficient (n-octanol/water) Log Pow:
  No data available.
Auto-ignition temperature: No data available.
Decomposition temperature: No decomposition if stored and applied as directed.
SADT: No data available.
Viscosity, dynamic: No data available.
Viscosity, kinematic: > 20.5 mm²/s (40 °C)
VOC: 37 g/l ;

10. Stability and reactivity
Reactivity: No dangerous reaction if used as recommended.
Chemical Stability: Material is stable under normal conditions.
Possibility of hazardous reactions:
  Under normal conditions of storage and use, hazardous polymerization will not occur.
Conditions to avoid:
  Keep away from moisture. Keep away from heat, sparks and open flame.
Incompatible Materials:
  Strong Acids, Strong Bases Contact with water.
Hazardous Decomposition Products:
  Carbon dioxide Silicon dioxide. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation. Generates methanol during cure.

11. Toxicological information
Information on likely routes of exposure
  Ingestion: No data available.
  Inhalation: No data available.
  Skin Contact: No data available.
  Eye contact: No data available.
Symptoms related to the physical, chemical and toxicological characteristics
  Ingestion: No data available.
Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral
Product: ATEmix: 11,631.15 mg/kg
ATEmix: 15,772.87 mg/kg

Specified substance(s):
- Octadecanoic acid LD 50 (Rat, No data available.): > 2,000 mg/kg

(1) TITANIUM DIOXIDE LD 50 (Rat): > 10,000 mg/kg

Dermal
Product: Not classified for acute toxicity based on available data.

Specified substance(s):
- (1) TITANIUM DIOXIDE LD 50 (Rabbit): > 10,000 mg/kg

Inhalation
Product: Not classified for acute toxicity based on available data.

Specified substance(s):
- (1) TITANIUM DIOXIDE LC50 (Rat): > 6.8 mg/l

Repeated dose toxicity
Product: No data available.

Skin Corrosion/Irritation
Product: No data available.

Specified substance(s):
- Octadecanoic acid No skin irritation

Serious Eye Damage/Eye Irritation
Product: No data available.

Specified substance(s):
(1) TITANIUM DIOXIDE  No eye irritation

Respiratory or Skin Sensitization
Product:  No data available.

Carcinogenicity
Product:  No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:
(1) QUARTZ  Known To Be Human Carcinogen.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:
No carcinogenic components identified

Germ Cell Mutagenicity

In vitro
Product:  No data available.

In vivo
Product:  No data available.

Reproductive toxicity
Product:  No data available.

Specific Target Organ Toxicity - Single Exposure
Product:  No data available.

Specific Target Organ Toxicity - Repeated Exposure
Product:  No data available.

Aspiration Hazard
Product:  No data available.

Other effects:  No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish
Product:  No data available.
Specified substance(s):
Octadecanoic acid  
LC0 (Brachydanio rerio, 96 h): > 100 mg/l
LC0 (Leuciscus idus, 96 h): > 100 mg/l

(1) TITANIUM DIOXIDE  
LC0 (Leuciscus idus, 48 h): > 1,000 mg/l

Aquatic Invertebrates
Product: No data available.

Chronic hazards to the aquatic environment:

Fish
Product: No data available.

Specified substance(s):
Octadecanoic acid  
LC0 (Brachydanio rerio, 4 d): > 100 mg/l
LC0 (Leuciscus idus, 4 d): > 100 mg/l

Aquatic Invertebrates
Product: No data available.

Toxicity to Aquatic Plants
Product: No data available.

Persistence and Degradability

Biodegradation
Product: No data available.

Specified substance(s):
(1) TITANIUM DIOXIDE 0 %

BOD/COD Ratio
Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)
Product: No data available.

Partition Coefficient n-octanol / water (log Kow)
Product: No data available.

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments
(1) CALCIUM CARBONATE No data available.
Octadecanoic acid No data available.
(1) TITANIUM DIOXIDE No data available.
(1) QUARTZ No data available.

Other adverse effects: No data available.

13. Disposal considerations

General information: The generation of waste should be avoided or minimized wherever possible. See Section 8 for information on appropriate personal protective equipment. Do not discharge into drains, water courses or onto the ground.

Disposal instructions: Disposal should be made in accordance with federal, state and local regulations.

Contaminated Packaging: Dispose of as unused product.

14. Transport information

DOT Not regulated.

IMDG Not regulated.

IATA Not regulated.

Special precautions for user: This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanol</td>
<td>100 lbs.</td>
</tr>
</tbody>
</table>

None present or none present in regulated quantities.
Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Not classified

SARA 302 Extremely Hazardous Substance
None present or none present in regulated quantities.

SARA 304 Emergency Release Notification
None present or none present in regulated quantities.

SARA 311/312 Hazardous Chemical

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Threshold Planning Quantity</th>
</tr>
</thead>
</table>

SARA 313 (TRI Reporting)

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)
None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65

WARNING: This product can expose you to chemicals including Methanol, which is [are] known to the State of California to cause birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov.

US. New Jersey Worker and Community Right-to-Know Act

Chemical Identity
(1) CALCIUM CARBONATE
Dimethylpolysiloxane
SILOXANES AND SILICONES, DI-ME
Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl) -, reaction products with ammonia, octamethylcyclotetrasiloxane and silica
Methyltrimethoxysilane

US. Massachusetts RTK - Substance List

Chemical Identity
(1) QUARTZ

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity
(1) CALCIUM CARBONATE

US. Rhode Island RTK
No ingredient regulated by RI Right-to-Know Law present.
### Inventory Status:

<table>
<thead>
<tr>
<th></th>
<th>Status</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia AICS:</td>
<td>y (positive listing)</td>
<td>None.</td>
</tr>
<tr>
<td>EU EINECS List:</td>
<td>y (positive listing)</td>
<td>None.</td>
</tr>
<tr>
<td>Japan (ENCS) List:</td>
<td>n (Negative listing)</td>
<td>None.</td>
</tr>
<tr>
<td>China Inventory of Existing Chemical Substances:</td>
<td>y (positive listing)</td>
<td>None.</td>
</tr>
<tr>
<td>Korea Existing Chemicals Inv. (KECI):</td>
<td>y (positive listing)</td>
<td>None.</td>
</tr>
<tr>
<td>Canada DSL Inventory List:</td>
<td>y (positive listing)</td>
<td>None.</td>
</tr>
<tr>
<td>Canada NDSL Inventory:</td>
<td>n (Negative listing)</td>
<td>None.</td>
</tr>
<tr>
<td>Philippines PICCS:</td>
<td>y (positive listing)</td>
<td>None.</td>
</tr>
<tr>
<td>US TSCA Inventory:</td>
<td>y (positive listing)</td>
<td>None.</td>
</tr>
<tr>
<td>Taiwan Chemical Substance Inventory:</td>
<td>y (positive listing)</td>
<td>None.</td>
</tr>
<tr>
<td>New Zealand Inventory of Chemicals:</td>
<td>n (Negative listing)</td>
<td>None.</td>
</tr>
<tr>
<td>REACH:</td>
<td>If purchased from Momentive Performance Materials GmbH in Leverkusen, Germany, all substances in this product have been registered by Momentive Performance Materials GmbH or upstream in our supply chain or are exempt from registration under Regulation (EC) No 1907/2006 (REACH). For polymers, this includes the constituent monomers and other reactants.</td>
<td>None.</td>
</tr>
</tbody>
</table>

### 16. Other information, including date of preparation or last revision

#### HMIS Hazard ID

<table>
<thead>
<tr>
<th>Health</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Physical Hazards</td>
<td>1</td>
</tr>
</tbody>
</table>

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; *Chronic health effect

**Issue Date:** 04/28/2020  
**Revision Date:** No data available.  
**Version #:** 2.1
Further Information: No data available.

Disclaimer:

Notice to reader

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (>30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives. Keep out of the reach of children.

Further Information

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.

®, *, and TM indicate trademarks owned by or licensed to Momentive.