1. Identification
Product identifier: Gap Filler 3500S35
Other means of identification:
Product code: Part B; GB 7, 10 mils; Potlife 60 mins
Recommended use: Thermally Conductive Silicone Gap Filler Material used together with Part A.
Recommended restrictions: None known.
Manufacturer / Importer / Supplier / Distributor information:
Company name: The Bergquist Company
Address: 18930 West 78th Street
Chanhassen, MN. 55317
Telephone: Non-Emergency calls: 1-800-347-4572
E-mail: M-SDSadmin@BergquistCompany.com
Emergency phone number: Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-527-3887 (Collect Calls Accepted)

2. Hazard(s) identification
Physical hazards: Not classified.
Health hazards: Not classified.
Environmental hazards: Not classified.
OSHA defined hazards: Not classified.
Label elements:
Hazard symbol: None.
Signal word: Not applicable.
Hazard statement: Not applicable.
Precautionary statement:
Prevention: Observe good industrial hygiene practices.
Response: Wash thoroughly after handling.
Storage: Store away from incompatible materials.
Disposal: Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC):
This product is not hazardous according to United Nations globally harmonized system, therefore a hazard label does not apply.
Supplemental information:
This product is not hazardous according to OSHA 29 CFR 1910.1200 requirements, therefore a hazard label does not apply.

3. Composition/information on ingredients
Mixtures
Composition comments: The components are not hazardous or are below required disclosure limits.

4. First-aid measures
Inhalation: Move to fresh air. Get medical attention if symptoms occur.
Skin contact: Wash skin with soap and water. Get medical attention if irritation persists after washing.
Eye contact: Flush thoroughly with water. If irritation occurs, get medical assistance.
Ingestion: Rinse mouth thoroughly. Get medical attention if any discomfort occurs.
Most important symptoms/effects, acute and delayed:
Under normal conditions of intended use, this material does not pose a risk to health.
Indication of immediate medical attention and special treatment needed: Treat symptomatically.
General information: Get medical attention if any discomfort develops.
5. Fire-fighting measures

Suitable extinguishing media
Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media
None known.

Specific hazards arising from the chemical
None.

Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.

Fire-fighting equipment/instructions
Move containers from fire area if you can do so without risk.

General fire hazards
This product is not flammable.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Avoid contact with skin and eyes. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
Sweep up or gather material and place in appropriate container for disposal. For waste disposal, see Section 13 of the SDS.

Environmental precautions
Environmental manager must be informed of all major spillages.

7. Handling and storage

Precautions for safe handling
Provide adequate ventilation. Avoid contact with skin and eyes. Observe good industrial hygiene practices. Wear appropriate personal protective equipment (See Section 8).

Conditions for safe storage, including any incompatibilities
Store in closed original container in a dry place. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum oxide (CAS 1344-28-1)</td>
<td>PEL</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Aluminum oxide (CAS 1344-28-1)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum oxide (CAS 1344-28-1)</td>
<td>PEL</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum oxide (CAS 1344-28-1)</td>
<td>TWA</td>
<td>1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

Biological limit values
No biological exposure limits noted for the ingredient(s).

Exposure guidelines
Follow standard monitoring procedures.

Appropriate engineering controls
Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Individual protection measures, such as personal protective equipment

<table>
<thead>
<tr>
<th>Protection measure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye/face protection</td>
<td>Risk of contact: Wear approved safety goggles.</td>
</tr>
<tr>
<td>Skin protection</td>
<td>Use suitable protective gloves if risk of skin contact. Suitable gloves can be recommended by the glove supplier.</td>
</tr>
<tr>
<td>Hand protection</td>
<td>Use suitable protective gloves if risk of skin contact. Suitable gloves can be recommended by the glove supplier.</td>
</tr>
<tr>
<td>Other protection</td>
<td>If prolonged or repeated contact is likely, chemical resistant clothing is recommended.</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td></td>
</tr>
<tr>
<td>Thermal hazards</td>
<td>In case of inadequate ventilation, use respiratory protection.</td>
</tr>
<tr>
<td>General hygiene considerations</td>
<td></td>
</tr>
<tr>
<td>Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned.</td>
<td></td>
</tr>
</tbody>
</table>

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Color</td>
<td>Blue.</td>
</tr>
</tbody>
</table>
Odor: Slight.
Odor threshold: Not relevant.
pH: Not relevant.
Melting point/freezing point: Not relevant.
Initial boiling point and boiling range: Not relevant.
Flash point: Not relevant.
Evaporation rate: Not relevant.
Flammability (solid, gas): Not relevant.

### Upper/lower flammability or explosive limits
- Flammability limit - lower (%): Not relevant.
- Flammability limit - upper (%): Not relevant.
- Explosive limit - lower (%): Not relevant.
- Explosive limit - upper (%): Not relevant.

Vapor pressure: Not relevant.
Vapor density: Not relevant.

### Solubility(ies)
- Solubility (water): Insoluble in water.
- Partition coefficient (n-octanol/water): Not relevant.

### Auto-ignition temperature: Not relevant.

Decomposition temperature: Not relevant.
Viscosity: Not available.

### Other information
- Bulk density: Not relevant.
- Density: 3.00 g/cc (25 °C)
- Explosive properties: Not relevant.
- Oxidizing properties: Not relevant.
- VOC (Weight %): Not available.

### Stability and reactivity

#### Reactivity
- The product is stable and non-reactive under normal conditions of use, storage and transport.

#### Chemical stability
- Material is stable under normal conditions.

#### Possibility of hazardous reactions
- Hazardous polymerization does not occur.

#### Conditions to avoid
- Contact with incompatible materials.

#### Incompatible materials
- Strong oxidizing agents.

#### Hazardous decomposition products
- None.

### Toxicological information

#### Information on likely routes of exposure
- **Ingestion**: Not likely, due to the form of the product.
- **Inhalation**: Elevated temperatures or mechanical action may form dust and fumes which may be irritating to the mucous membranes and respiratory tract.
- **Skin contact**: Prolonged skin contact may cause temporary irritation.
- **Eye contact**: Elevated temperatures or mechanical action may form dust and fumes which may be irritating to the eye.

#### Symptoms related to the physical, chemical and toxicological characteristics
- Under normal conditions of intended use, this material does not pose a risk to health.

#### Information on toxicological effects
- **Acute toxicity**: Under normal conditions of intended use, this material does not pose a risk to health.
- **Skin corrosion/irritation**: Not classified.
Serious eye damage/eye irritation

Respiratory or skin sensitization
  Respiratory sensitization Not classified.
  Skin sensitization Not classified.
Germ cell mutagenicity Not classified.
Carcinogenicity Not classified.
Reproductive toxicity Not classified.
Specific target organ toxicity - single exposure Not classified.
Specific target organ toxicity - repeated exposure Not classified.
Aspiration hazard Not classified.
Further information None known.

12. Ecological information
Ecotoxicity The product is not classified as environmentally hazardous.
Persistence and degradability No data available.
Bioaccumulative potential No data available.
Mobility in soil The product is insoluble in water.
Other adverse effects None known.

13. Disposal considerations
Disposal instructions Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazardous waste code Waste codes should be assigned by the user based on the application for which the product was used.
Waste from residues / unused products Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.
Contaminated packaging Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. Transport information
DOT Not regulated as dangerous goods.
IATA Not regulated as dangerous goods.
IMDG Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available.

15. Regulatory information
US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
  TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated.
  CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.
Superfund Amendments and Reauthorization Act of 1986 (SARA)
  Hazard categories Immediate Hazard - No, Delayed Hazard - No, Fire Hazard - No, Pressure Hazard - No, Reactivity Hazard - No
  SARA 302 Extremely hazardous substance Not listed.
SARA 311/312 Hazardous chemical  No
SARA 313 (TRI reporting)

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>% by wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum oxide</td>
<td>1344-28-1</td>
<td>60-90</td>
</tr>
</tbody>
</table>

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US. Massachusetts RTK - Substance List
Aluminum oxide (CAS 1344-28-1)

US. New Jersey Worker and Community Right-to-Know Act
Aluminum oxide (CAS 1344-28-1)

US. Pennsylvania Worker and Community Right-to-Know Law
Aluminum oxide (CAS 1344-28-1)

US. Rhode Island RTK
Aluminum oxide (CAS 1344-28-1)

US. California Proposition 65
US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
Not listed.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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

Issue date               07-March-2014
Revision date            07-March-2014
Version #                02

NFPA Ratings

1 0
References

ESIS (European chemical Substances Information System)
Registry of Toxic Effects of Chemical Substances (RTECS)
HSDB® - Hazardous Substances Data Bank

Disclaimer

This Safety Data Sheet was prepared by a globally recognized, third party chemical, regulatory, and compliance information services provider for the Bergquist Company, Thermal Products Division / TIM, and is offered for your consideration and guidance when exposed to this product. The Bergquist Company disclaims all expressed or implied warranties and assumes no responsibility for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process. This Safety Data Sheet may not be changed or altered in any way without the expressed knowledge and permission of The Bergquist Company.