MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: DS-1, DS-2, DS-4, DS-1BK, DSB-1, DSB-1GR
Trade Name: Dielectric Silicone
Manufacturer: AGS Company
Common Name: Silicone Grease
Street Address: 2651 Hoyt St
City/State/Zip: Muskegon Hts., MI 49444
Phone: 800-253-0403
FAX: 231-733-1784
Original Issue Date: 11/11/1981
Revision No: 9
Date: 9/19/2012
Transportation Emergency: CHEM-TEL
Phone: 800-255-3924

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>ITEM</th>
<th>CAS NUMBER</th>
<th>WT/WT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Amorphous Silica, fumed</td>
<td>112945-52-5</td>
<td>10-30</td>
</tr>
</tbody>
</table>

EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>ITEM</th>
<th>ACGIH</th>
<th>TLV-TWA</th>
<th>OSHA</th>
<th>TLV-STEL</th>
<th>PEL-TWA</th>
<th>PEL-CEILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10 mg/m³</td>
<td>15 mg/m³</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION

EYE CONTACT: May be irritating and can cause pain, tearing, reddening and swelling.
SKIN CONTACT: Prolonged contact may result in irritation.
INHALATION: None expected.
INGESTION: This material may be harmful if swallowed.

CHRONIC HAZARDS: There are no foreseeable uses of the product that would lead to chronic exposure.

Primary Route(s) of Entry: Skin and eye contact or ingestion.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
SKIN CONTACT: Immediately flush with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
INGESTION: Get medical attention immediately. If swallowed, DO NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 300°F
LOWER EXPLOSIVE LIMIT: N.D.
UPPER EXPLOSIVE LIMIT: N.D.
AUTOGNITION TEMPERATURE: N.D.
EXTINGUISHING MEDIA: CO₂, Dry Chemical, Foam
UNUSUAL FIRE AND EXPLOSION HAZARDS: Product can produce dense smoke from oils burning.
SECTION 6 - ACCIDENTAL RELEASE MEASURES

RECOVERY PROCEDURES: Scrape up material and place in a chemical waste container.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling
STORAGE: Store in cool dry environment.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: No special controls needed when used in supplied form.
RESPIRATORY PROTECTION: For most conditions, no respiratory protection should be needed, however, if high vapor concentration should develop, use a NIOSH approved organic vapor respirator.
SKIN PROTECTION: Where contact is likely, wear chemical resistant gloves.
EYE PROTECTION: Wear safety glasses with side shields or goggles.
OTHER PROTECTIVE EQUIPMENT: Eye wash in work area.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS / label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with eyes, skin, and clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOILING RANGE</td>
<td>N.A.</td>
</tr>
<tr>
<td>ODOR</td>
<td>Odorless</td>
</tr>
<tr>
<td>APPEARANCE</td>
<td>White translucent gel</td>
</tr>
<tr>
<td>SOLUBILITY IN H₂O</td>
<td>Negligible</td>
</tr>
<tr>
<td>FREEZE POINT</td>
<td>N.D.</td>
</tr>
<tr>
<td>VAPOR PRESSURE</td>
<td>Negligible</td>
</tr>
<tr>
<td>PHYSICAL STATE</td>
<td>Semi-Solid</td>
</tr>
<tr>
<td>VAPOR DENSITY:</td>
<td>Is heavier than air</td>
</tr>
<tr>
<td>ODOR THRESHOLD</td>
<td>N.D.</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Is slower than Butyl Acetate</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.97</td>
</tr>
</tbody>
</table>

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Sources of ignition.

INCOMPATIBILITY: Strong acid or alkali, oxidizers and amines.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen and silica.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOCHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>LD-50</th>
<th>20000 mg/kg</th>
<th>PRODUCT</th>
<th>LC-50</th>
<th>N.D.</th>
</tr>
</thead>
</table>

COMPONENT TOXICOLOGICAL INFORMATION:

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>LD50</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fumed Silica, Amorphous</td>
<td>22500 mg/kg/rat</td>
<td>TCLO 30 mg/m³ 6h/rat</td>
</tr>
</tbody>
</table>
MATERIAL SAFETY DATA SHEET

Dimethylpolysiloxane

ECOLOGICAL INFORMATION:
LC50 Carp >10,000 mg/l/72 hr /Conditions of bioassay not specified

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

U.S FEDERAL REGULATIONS: AS FOLLOWS -

CERCLA - SARA HAZARD CATEGORY:
This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III ) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD

SARA SECTION 313
This product contains the following substance subject to the reporting requirements of Section 313 of Title of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME | CAS NUMBER | WT /WT %IS LESS THAN %
--- | --- | ---
No SARA Section 313 components exist in this product

TOXIC SUBSTANCE CONTROL ACT:
This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

CHEMICAL NAME | CAS NUMBER
--- | ---
Dimethylpolysiloxane | 63148-62-9

U.S. STATE REGULATIONS: AS FOLLOWS -
NEW JERSEY RIGHT-TO-KNOW:
The following materials are non-hazardous, but are among the top five components in this product:

CHEMICAL NAME | CAS NUMBER
--- | ---
Dimethylpolysiloxane | 63148-62-9

PENNSYLVANIA RIGHT-TO-Know
The following non-hazardous ingredients are present in the product at greater than 3%:

CHEMICAL NAME | CAS NUMBER
--- | ---
Dimethylpolysiloxane | 63148-62-9

CALIFORNIA PROPOSITION 65:
WARNING: The chemical(s) noted below and contained in this product, are know to the state of California
MATERIAL SAFETY DATA SHEET

to causes cancer, birth defects or other reproductive harm.

CHEMICAL NAME
No Proposition 65 chemicals exist in this product

INTERNATIONAL REGULATIONS:
AS follows -

CANADIAN WHMIS:
This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS:
No information available.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS:

NFPA

VOLATILE ORGANIC COMPOUNDS (VOCs):

LEGEND:

N.A. Not Applicable
N.D. Not Determined

0.00 lbs / gal
0 grams / liter

0.00 lbs / gal
0 grams / liter

N.E. Not Established

A

A