SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form: Substance
Physical state: Solid
Substance name: GELEST SERICITE DE
Product code: SAA-DEA
Synonyms: MICA; C.I. 77019 POLY(DIETHYLSILOXANE), TRIETHYLSILOXY;SILOXANES AND SILICONES, DIETHYL; DIETHYL POLYSILOXANE; DIETHICONE
Other means of identification: INCI NAME: MICA (&) POLYDIETHYLSILOXANE

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture: Cosmetics, personal care products

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

GELEST, INC.
11 East Steel Road
Morrisville, PA 19067
USA
T 215-547-1015 - F 215-547-2484 - (M-F): 8:00 AM - 5:30 PM EST
info@gelest.com - www.gelest.com

GELEST INC.
Fritz-Klatte-Strasse 8
65933 Frankfurt
Germany
T +49 (0) 69 3535106-500 - F +49 (0) 69 3535106-501 - (M-F): 8:00 AM - 4:00 PM
info@gelestde.com - www.gelestde.com

1.4. Emergency telephone number

Emergency number: CHEMTREC: 1-800-424-9300 (USA); +1 703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]
EUH-statements: EUH210 - Safety data sheet available on request.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance type: Multi-constituent
Name: GELEST SERICITE DE
CAS-No.: 12001-26-2 (&) 63148-61-8
EC-No.: 601-648-2
GELEST SERICITE DE
Safety Data Sheet

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC No. 1272/2008 [CLP])</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mica</td>
<td>(CAS-No.) 12001-26-2</td>
<td>94 - 96</td>
<td>Not classified</td>
</tr>
<tr>
<td></td>
<td>(EC-No.) 601-648-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Poly(diethylsiloxane), triethylsiloxy terminated</td>
<td>(CAS-No.) 63148-61-8</td>
<td>4 - 6</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

3.2. Mixtures
Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: Remove contaminated clothing and shoes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If possible show this sheet; if not available show packaging or label.

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

First-aid measures after skin contact: Wash with plenty of water/…. Get medical advice/attention.

First-aid measures after eye contact: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

First-aid measures after ingestion: Never give anything by mouth to an unconscious person. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation: Symptoms of acute accidental exposure are non-specific and similar to the inhalation of any dust.

Symptoms/effects after skin contact: Skin irritation is not expected from available information.

Symptoms/effects after eye contact: Can cause temporary discomfort and irritation if accidentally introduced into the eye.

Symptoms/effects after ingestion: No information available.

4.3. Indication of any immediate medical attention and special treatment needed
No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media
No additional information available

5.2. Special hazards arising from the substance or mixture
No additional information available

5.3. Advice for firefighters
No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment: Equip cleanup crew with proper protection.

6.2. Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: If the product is clean and dry, shovel, vacuum or sweep up and return to container for use. Otherwise sweep or vacuum for disposal.

6.4. Reference to other sections
See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Avoid contact with skin and eyes. Do not breathe dust. Provide local exhaust or general room ventilation to minimize exposure to dust. Talc, like all fine powders, can create dust when handled. Keep all floors, workstation, stairs and handrails clean and dry.
Hygiene measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Keep container tightly closed. Keep in a clean and dry place; All traditional packing methods can be used.

7.3. Specific end use(s)
No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| GELEST SERICITE DE (12001-26-2 & 63148-61-8) | Ireland | OEL (15 min ref) (mg/m3) | 30 mg/m³ (calculated-total inhalable dust) 2.4 mg/m³ (calculated-respirable dust) |
| Mica (12001-26-2) | Austria | MAK (mg/m³) | 10 mg/m³ (inhalable fraction) |
| Belgium | Limit value (mg/m³) | 3 mg/m³ |
| Bulgaria | OEL TWA (mg/m³) | 3 mg/m³ (containing <2% free Crystalline silicon dioxide in respirable fraction-respirable fraction) 6 mg/m³ (containing <2% free Crystalline silicon dioxide in respirable fraction-inhalable fraction) |
| Italy - Portugal - USA ACGIH | ACGIH TWA (mg/m³) | 3 mg/m³ (respirable fraction) |
| USA IDLH | US IDLH (mg/m³) | 1500 mg/m³ (containing <1% quartz) |
| USA NIOSH | NIOSH REL (TWA) (mg/m³) | 3 mg/m³ (containing <1% Quartz-respirable dust) |
| Spain | VLA-ED (mg/m³) | 3 mg/m³ (this value is for the particulate matter that is free from Asbestos and contains less than 1% of Crystalline silica-respirable fraction) |
| Switzerland | MAK (mg/m³) | 3 mg/m³ (respirable dust) |
| United Kingdom | WEL TWA (mg/m³) | 10 mg/m³ (total inhalable) 0.8 mg/m³ (respirable) |
| United Kingdom | WEL STEL (mg/m³) | 30 mg/m³ (calculated-total inhalable) 2.4 mg/m³ (calculated-respirable) |
| Czech Republic | Expoziční limity (PEL) (mg/m³) | 2 mg/m³ |
| Ireland | OEL (8 hours ref) (mg/m³) | 10 mg/m³ (total inhalable dust) 0.8 mg/m³ (respirable dust) |
| Ireland | OEL (15 min ref) (mg/m3) | 30 mg/m³ (calculated-total inhalable dust) 2.4 mg/m³ (calculated-respirable dust) |
| Norway | Grenseverdier (AN) (mg/m³) | 6 mg/m³ (total dust) 3 mg/m³ (respirable dust) |
| Norway | Grenseverdier (Korttidsverdi) (mg/m3) | 6 mg/m³ (total dust) 3 mg/m³ (respirable dust) |
| Romania | OEL TWA (mg/m³) | 3 mg/m³ (inhalable fraction, dust) |
| Slovakia | NPHV (priemerná) (mg/m³) | 2 mg/m³ (respirable fraction, 5% or less fibrogenic component) 10 mg/m³ (respirable fraction, greater than 5% fibrogenic component) 10 mg/m³ (total aerosol) |
| Canada (Quebec) | VEMP (mg/m³) | 3 mg/m³ (containing no Asbestos and <1% Crystalline silica-respirable dust) |
| Australia | TWA (mg/m³) | 2.5 mg/m³ (inspirable) |
| Portugal | OEL TWA (mg/m³) | 3 mg/m³ (respirable fraction) |

8.2. Exposure controls

Appropriate engineering controls:
Provide local exhaust or general room ventilation.

Personal protective equipment:
Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Hand protection:
Neoprene or nitrile rubber gloves
Eye protection:
Safety glasses. Contact lenses should not be worn

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. NIOSH-certified dust and mist (orange cartridge) respirator.

SECTION 9: Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>free flowing, Powder.</td>
</tr>
<tr>
<td>Colour</td>
<td>White.</td>
</tr>
<tr>
<td>Odour</td>
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</tr>
<tr>
<td>Odour threshold</td>
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</tr>
<tr>
<td>Refractive index</td>
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</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
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</tr>
<tr>
<td>Melting point</td>
<td>&lt; °C</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
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</tr>
<tr>
<td>Vapour pressure</td>
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</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
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</tr>
<tr>
<td>Relative density</td>
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<tr>
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<tr>
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</tr>
<tr>
<td>Log Kow</td>
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<tr>
<td>Viscosity, kinematic</td>
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</tr>
<tr>
<td>Viscosity, dynamic</td>
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</tr>
<tr>
<td>Explosive properties</td>
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</tr>
<tr>
<td>Oxidising properties</td>
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</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
No additional information available

10.2. Chemical stability
The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions
No additional information available

10.4. Conditions to avoid
No additional information available

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products
No Hazardous products (water and CO2 >400°C).
### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Acute toxicity**: Not classified

<table>
<thead>
<tr>
<th><strong>Poly(diethylsiloxane), triethoxysiloxy terminated (63148-61-8)</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LD50 oral rat</strong></td>
<td>&gt; 15000 mg/kg</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**: Not classified

**Serious eye damage/irritation**: Not classified

**Respiratory or skin sensitisation**: Not classified

**Germ cell mutagenicity**: Not classified

**Carcinogenicity**: Not classified

The IARC working group stated that there is no evidence of carcinogen status or genotoxicity both on animals and on men.

**Reproductive toxicity**: Not classified

No teratogenic effects were found in animals after oral ingestion of talc.

**STOT-single exposure**: Not classified

**STOT-repeated exposure**: Not classified

**Aspiration hazard**: Not classified

**Potential adverse human health effects and symptoms**

- Note: Symptoms of acute accidental exposure are non-specific and similar to the inhalation of any dust; such symptoms may include paroximal coughing, wheezing, difficult breathing and upper respiratory tract irritation. Repeated overexposure can develop a benign pneumoconiosis, known as talcosis which can cause respiratory problems and lung complications. Smoking and concomitant diseases might impose an additional pulmonary burden which may alter the course of the pneumoconiosis. Talc is neither orally not cutaneously toxic.

**Symptoms/effects after inhalation**: Symptoms of acute accidental exposure are non-specific and similar to the inhalation of any dust.

**Symptoms/effects after skin contact**: Skin irritation is not expected from available information.

**Symptoms/effects after eye contact**: Can cause temporary discomfort and irritation if accidentally introduced into the eye.

**Symptoms/effects after ingestion**: No information available.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Acute aquatic toxicity**: Not classified

**Chronic aquatic toxicity**: Not classified

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

**Other adverse effects**: No known dangerous effects on the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Product/Packaging disposal recommendations**: Dry material can be landfilled. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to licensed waste disposal facility.

**Ecology - waste materials**: Avoid release to the environment.

### SECTION 14: Transport information

#### 14.1. UN number

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

UN-No. (ADR): Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR
Transport hazard class(es) (ADR) : Not applicable

IMDG
Transport hazard class(es) (IMDG) : Not applicable

IATA
Transport hazard class(es) (IATA) : Not applicable

ADN
Transport hazard class(es) (ADN) : Not applicable

RID
Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport
Not applicable

- Transport by sea
Not applicable

- Air transport
Not applicable

- Inland waterway transport
Not applicable

- Rail transport
Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations
No REACH Annex XVII restrictions
GELEST SERICITE DE is not on the REACH Candidate List
GELEST SERICITE DE is not on the REACH Annex XIV List
GELEST SERICITE DE is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

15.1.2. National regulations

Germany

Netherlands
SZW-lijst van kankerverwekkende stoffen : The substance is not listed
SZW-lijst van mutagene stoffen : The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : The substance is not listed

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Abbreviations and acronyms:

| Abbreviations: ND: Not Determined, No Data; NA: Not Applicable; LD: Lethal Dose; LC: Lethal Concentration; ATE: Acute Toxicity Estimates; H: hour; °: °C unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average; TLV: threshold limit value; TG: Test Guideline; NIOSH: National Institute for Occupational Safety and Health; IARC: International Agency for Research on Cancer; NTP: National Toxicology Program; HMIS: Hazardous Material Information System; CAS No.: Chemical Abstract Service Registration Number; EC No.: European Commission Registration Number; EC Index No.: European Commission Index Number; OECD: The Organisation for Economic Co-operation and Development; GHS: The Globally Harmonized System of Classification and Labelling; APF: Assigned Protection Factor |

Other information : Prepared by safety and environmental affairs.

Full text of H- and EUH-statements:
EUH210 Safety data sheet available on request.

SDS EU (REACH Annex II) - Custom

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