SECTION 1: Identification

Product name: ProFil Bulk - Base
Manufacturer: Silmet Ltd.
Address: 12 Hassadna St.
Industrial Zone, Or Yehuda
6022011 Israel
Telephone: + 972 3 7353000

Product use:
Intended Use: Dental product
Limitations on use: For use by dental professionals
Specific Use: Composite restorative material

SECTION 2: Composition/Information on ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treated Fumed Silica</td>
<td>67762-90-7</td>
</tr>
<tr>
<td>Co-initiator</td>
<td>10287-53-3</td>
</tr>
<tr>
<td>Photo initiator</td>
<td>10373-78-1</td>
</tr>
<tr>
<td>Triethylenglycoldimethacrylate</td>
<td>109-16-0</td>
</tr>
</tbody>
</table>

SECTION 3: Hazards Identification

The information below is provided with regard to the toxicity and hazards of the pure components present in this substance.

U.S.-O.S.H.A. Status: This material is not hazardous under the criteria of the U.S Federal Hazard Communication Standard.

Label elements

Hazard pictograms

⚠️

Signal word
Warning

Hazard statements
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation

Precautionary statements

Prevention
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P102 - Keep out of reach of children.
P352 - Wash with plenty of soap and water.

Disposal
P501 - Dispose of contents In accordance with local/regional & international regulations.
Material Safety Data Sheet
Silmet Composites - ProFil Bulk  (Classification according to Directive 790/2009/EC)
Date of issue: 13.09.17

Storage
P403 - Store in a well-ventilated place.

Overview
Acute Health Hazards: May cause eye, respiratory and skin irritation in high concentration.
Chronic Health Hazards: Material is not known to cause significant health problems
Signs and Symptoms of Exposure: High concentrations can cause eye and respiratory irritation. Prolonged skin exposure can cause dryness
Primary routes of exposure: Inhalation, skin contact, eye contact.
Carcinogenicity: NTP - no, OSHA - no, IARC – no.

SECTION 4: First Aid Measures
The following first aid recommendations are based on assumption that appropriate personal and industrial hygiene practices are followed.
In case of inhalation: If irritation occurs, take victim to open air. If breathing difficulty persists, consult a physician.
In case of skin contact: Wash with soap and water.
In case of eye contact: Flush with large quantities of water for 15 minutes. Consult a physician.
In case of ingestion: Consult a physician.

SECTION 5: Fire Fighting Measures
Flash point: N/A
Extinguishing Media: Carbon dioxide, water spray, dry chemical
Special Fire Fighting Procedures: Avoid a direct jet of water.
Unusual Fire and Explosion Hazards: None.

SECTION 6: Accidental Release Measures
Environmental Precautions: Avoid seepage into sewers and water supplies.
Clean-Up Procedure: Contain spill and pick up material with a suitable absorbent material. Place absorbent into a container for later disposal.

SECTION 7: Handling and Storage
Handling: No special measures necessary if handled according to instruction
Storage: Keep container tightly closed when not in use. Store in a cool, dry location. Keep material in original packaging.
Storage away from light, open flames, contamination and prolonged storage above 24°C (75°F).

SECTION 8: Exposure controls/Personal Protection
Exposure Controls: Use only in well-ventilated areas
Respiratory Protection: Avoid inhalation of vapors. No special protection under normal use.
Hand and Skin Protection: Avoid unnecessary skin contact. Wear latex gloves when handling
Eye Protection: Wear safety goggles or safety glasses with side shields when handling,
Hygiene Measures: Remove spilled material from skin and clothing. Do not eat or drink when handling this material

SECTION 9: Physical and Chemical Properties
Appearance: White paste / Light-Yellow paste/ Blue paste.
Odor: Specific odor
Boiling Point: N/A
Evaporation Rate (Water = 1): N/A
Vapor Density (Air = 1): N/A
Solubility in Water: Insoluble

SECTION 10: Stability and Reactivity

Stability: This material is stable.
Hazardous Reactions: None if handled according to directions
Hazardous Polymerization: May occur.
Conditions to Avoid: Heat, UV light
Incompatibility: Free radicals, reducing agents, heavy metal ions
Hazardous Decomposition Products: Carbon dioxide, water, carbon monoxide, acrylic decomposition products, depending on conditions of heating and burning.

SECTION 11: Toxilogical Information

Acute oral toxicity: LD50 (rat) > 5000mg/KG
Irritation of Skin: Dryness and irritation possible upon prolonged exposure
Allergic Effects: Methacrylate sensitive individuals may exhibit an allergic reaction.

SECTION 12: Ecological Information

Do not discharge into sewers or water supplies
Environmental persistence and degradability: no data available
Ecotoxicity: no data available

SECTION 13: Disposable considerations

May be disposed of in landfill or Incinerator In accordance with local, state and federal regulations

SECTION 14: Transport Information

U.S. DOT Shipping Name: Not Regulated
U.S. DOT Hazard Class: None
U.N./N.A. Number None
U.S. DOT Packing Group: None
Other: Not considered hazardous cargo

SECTION 15: Regulatory information

This product is classified as a medical device under US and Canadian & regulations. This product requires classification according to the criteria of EC.
The product is a medical device according to the EC-directive 93/42

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other Information

ANSI/NFPA 704 Data
Fire = 1
Health = 0
Reactivity = 0
Specific Hazard = None

CAUTION: PRODUCT FOR PROFESSIONAL USE
The information on this safety sheet is based on presently available data and to our best knowledge for the correct
handling of the product under normal conditions. Any use of this product in any way not indicated on this sheet or use of this product together with any other process/procedure will be exclusively under the user’s responsibility.
SECTION 1: Identification

Product name: ProFil Bulk - Catalyst
Manufacturer: Silmet Ltd.
Address: 12 Hassadna St.
Industrial Zone, Or Yehuda
6022011 Israel
Telephone: + 972 3 7353000

Product use:
Intended Use: Dental product
Limitations on use: For use by dental professionals
Specific Use: Composite restorative material

SECTION 2: Composition/Information on ingredients

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<td>67762-90-7</td>
</tr>
<tr>
<td>Benzoyl Peroxide</td>
<td>94-36-0</td>
</tr>
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<td>Triethylenglycoldimethacrylate</td>
<td>109-16-0</td>
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SECTION 3: Hazards Identification

The information below is provided with regard to the toxicity and hazards of the pure components present in this substance.

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Label elements

Hazard pictograms

⚠️

Signal word
Warning

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Flash point: N/A
Extinguishing Media: Carbon dioxide, water spray, dry chemical
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Appearance: White paste / Light-grey paste
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Evaporation Rate (Water = 1): N/A
Vapor Density (Air = 1): N/A
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Acute oral toxicity: LD50 (rat) > 5000mg/KG
Irritation of Skin: Dryness and irritation possible upon prolonged exposure
Allergic Effects: Methacrylate sensitive individuals may exhibit an allergic reaction.

**SECTION 12: Ecological Information**

Do not discharge into sewers or water supplies
Environmental persistence and degradability: no data available
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May be disposed of in landfill or Incinerator In accordance with local, state and federal regulations

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