1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

Product Name: Fidelity 25 Alginate
Product Code: 858, 857
Application: Alginate based powder. Dust free dental impression material.
Company: Davis Schottlander & Davis Ltd
Fifth Avenue, Letchworth Garden City,
Herts SG6 2WD UK
Tel: +44 (0)1462 480848 Fax: +44 (0)1462 482802
msds@schottlander.co.uk www.schottlander.com
Date: 14.11.2013 V2.0

2. HAZARD IDENTIFICATION

Classification: This product is not classified according to EU legislation. The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Human health hazards: Irritating to eyes.
Additional hazards: See Section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>%  Number</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnesium oxide</td>
<td>1309-48-4</td>
<td>1-5</td>
<td>Xi; R36/37/38 [1]</td>
</tr>
<tr>
<td>Tetrasodium Pyrophosphate</td>
<td>7722-88-5</td>
<td>1-3</td>
<td>Xi; R36/37/38 [1]</td>
</tr>
<tr>
<td>Potassium</td>
<td>16919-27-0</td>
<td>1-2</td>
<td>Xn; R20/21/22</td>
</tr>
<tr>
<td>Hexafluorotitanate</td>
<td>240-969-9</td>
<td></td>
<td>Xi; R41, R37</td>
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</tbody>
</table>

4. FIRST AID MEASURES

Ingestion: No known significant effects or critical hazards. If you feel unwell seek medical attention.
Skin contact: Wash contaminated skin with soap and water.
Eye contact: Rinse with plenty of running water. Get medical attention if irritation occurs.

5. FIRE FIGHTING MEASURES

Extinguishing media: Use an extinguishing agent suitable for the surrounding fire.
Special exposure hazards: In a fire hazardous decomposition product may be produced.
Hazardous thermal decomposition products: Decomposition temperature
Potassiumhexafluorotitanate = 780°C = > HF
Special protective equipment for fire-fighters: Wear appropriate respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear suitable gloves and eye/face protection.
Environmental precautions: Avoid release to the environment.
Methods for cleaning up:-
7. HANDLING AND STORAGE

**Handling:** Prevent formation of dust.

**Storage:** No specific storage is required.

**Recommended Packaging materials:** Use original container.

**Exposure Scenario information:** The product contains no relevant dust particles. The surface of the diatomaceous earth is coated with paraffinnes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational exposure controls:** Prevent formation of dust.

**Respiratory protection:** A respirator is not needed under normal and intended conditions of product use.

**Hand protection:** PVC gloves. Nitrile gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Lab coat.

**Environmental exposure controls:** Do not allow to enter drains or watercourses.

9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Solid (powder).

**Colour:** Rose.

**Relative density:** Not determined.

**Solubility:** Partially soluble in water.

**Octanol/water partition coefficient:** Not determined.

**Auto-ignition temperature:** Not considered to be flammable.

**Odour:** Fruity.

10. STABILITY AND REACTIVITY

**Chemical stability:** The product is stable.

**Possibility of hazardous reactions:** None.

**Conditions to avoid:** None.

**Materials to avoid:** No known significant effects or critical hazards.

**Hazardous decomposition products:** None.

11. TOXICOLOGY INFORMATION

**Inhalation:** The product contains no relevant dust particles. The surface of the diatomaceous earth is coated with paraffinnes.

**Ingestion:** No known significant effects or critical hazards.

**Skin contact:** Non-irritating (EU).

**Eye contact:** Irritating to eyes.

**Chronic effects:** No known significant effects or critical hazards.

**Carcinogenicity:** No known significant effects or critical hazards.

**Mutagenicity:** No known significant effects or critical hazards.

**Teratogenicity:** No known significant effects or critical hazards.

**Developmental effects:** No known significant effects or critical hazards.
12. ECOLOGICAL INFORMATION

Fertility effects: No known significant effects or critical hazards.

Environmental effects: Water hazard Class 1 (German Regulation) (Self assessment):
Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

Methods of disposal: Smaller quantities can be disposed of with household garbage

European Waste Catalogue: Non-dangerous substance.

Hazardous waste: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>Regulatory Info</th>
<th>UN No.</th>
<th>Proper Shipping Name</th>
<th>Classes</th>
<th>PG*</th>
<th>Label</th>
<th>Additional info</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR/RID Class</td>
<td>Not regulated</td>
<td>-</td>
<td>Not controlled under European ADR</td>
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<td>-</td>
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<tr>
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<td>Not controlled under ADN/ADNR (Europe)</td>
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<tr>
<td>IMDG Class</td>
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<td>Not controlled under IMDG</td>
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<tr>
<td>IATA Class</td>
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<td>-</td>
<td>Not controlled under IATA</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Full text of R-phrases referred to in Sections 2 and 3 Europe:
R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.
R37 Irritating to respiratory system

Full text of classifications referred to in Sections 2 and 3 Europe:
Xn Harmful.
Xi Irritant.

15. REGULATORY INFORMATION

The data given above covers exclusively the safety requirements of the product(s) and is based on our current knowledge and experience. It does not signify any warranty with regards to the products properties. This product is only supplied for specific uses in dentistry and must be used in accordance with the directions for use.

Version Control V2.0 template issue raised to align with CLP clarifications.