1. Identification

**Product Name**
Henry Schein Dustless Alginate Impression Material

**SDS Code Number**
850898

**Trade Name & Synonyms**
Henry Schein Dustless Alginate Impression Material

**Date of Last Revision**
05/05/16

**Manufacturer:**
Manufactured for Henry Schein

**Address**
135 Duryea Road
Melville NY 11747
http://www.henryschein.com

**Information Telephone Number**
1-800-472-4346

**Emergency Telephone Number**
1-800-424-9300 (Chemtrec)

2. Hazard(s) Identification

**WARNING**
CAUSES SKIN IRRITATION

WASH HANDS THOROUGHLY AFTER HANDLING
WEAR PROTECTIVE GLOVES

IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.
IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE / ATTENTION
TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>C.A.S. Number</th>
<th>Exposure Limits</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicon Dioxide - Crystalline - Cristobalite</td>
<td>14464-46-1</td>
<td>0.025 mg/M³</td>
<td>&lt; than 24</td>
</tr>
<tr>
<td>Silicon Dioxide - Crystalline - Quartz</td>
<td>14808-60-7</td>
<td>0.025 mg/M³</td>
<td>&lt; than 3</td>
</tr>
<tr>
<td>Silicon Dioxide – Amorphous - Diatomaceous Earth</td>
<td>68855-54-9</td>
<td>0.1 mg/M³</td>
<td>&lt; than 32</td>
</tr>
<tr>
<td>Calcium Sulfate</td>
<td>10101-41-4</td>
<td>10 mg/M³</td>
<td>&lt; than 20</td>
</tr>
<tr>
<td>Magnesium Oxide</td>
<td>1309-48-4</td>
<td>10 mg/M³</td>
<td>&lt; than 7</td>
</tr>
<tr>
<td>Tetrasodium Pyrophosphate</td>
<td>7722-88-5</td>
<td>5 mg/M³</td>
<td>&lt; than 3</td>
</tr>
</tbody>
</table>

The coating agent is an organic glycol compound.

4. First Aid Measures

<table>
<thead>
<tr>
<th>Routes of Exposure</th>
<th>First Aid Instructions</th>
<th>Immediate Medical Attention</th>
<th>Delayed Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye</td>
<td>Rinse opened eye for several minutes under running water. If symptoms persist consult physician</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Skin</td>
<td>Immediately wash with soap and water and rinse thoroughly</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Supply fresh air. consult physician if symptoms persist</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Ingestion</td>
<td>If symptoms persist consult physician</td>
<td>Not Applicable</td>
<td>Low order of toxicity is expected when large amounts of material are ingested. Acute toxicology study in rats LD₅₀ &gt;2,000mg/kg.</td>
</tr>
<tr>
<td>Other</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

Note to Physicians (Treating, Testing and Monitoring): Treat symptomatically.

5. Fire Fighting Measures

<table>
<thead>
<tr>
<th>Flame Propagation or Burning Rate (for Solids): Not Applicable</th>
<th>Properties Contributing to Fire Intensity: Not Applicable</th>
<th>Flammability Classification: Not Applicable</th>
<th>Other: Not Applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extinguishing Media: CO₂, extinguishing powder, foam carbon dioxide or water spray, Fight larger fires with water spray or alcohol resistant foam.</td>
<td>Extinguishing Media to Avoid: Water with full jet.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Protection and Procedures for Firefighters: Firefighters should wear self-contained respiratory protective devices.

Unusual Fire and Explosion Hazards: No dangerous decomposition products known. - Product does not present an explosion hazard.
6. Accidental Release Measures
Containment Techniques: Material is a dry fluffy powder, which is colored pale yellow or pink. Store only in the original package. Keep package tightly sealed to minimize dust generation and accumulation. The avoidance of any air contaminant is always a recommended practice. Adherence to work place ventilation standards is an assurance of general personnel health and comfort.

Spill/Leak Clean-up Procedures and Equipment: Wear protective clothing and scoop up bulk material and place in a labeled plastic or metal container. Avoid gross skin contact to minimize the possibility of drying out the skin. Ensure adequate ventilation, by either natural or mechanical means to keep dust level below PEL.

Evacuation Procedures: Not Applicable  Special Instructions: Not Applicable  Reporting Requirements: Not Applicable

7. Handling and Storage
Handling Practices and Warnings: Product is intended for dental use only. Handling of this product should be by trained dental healthcare professionals only. Observe normal care for working with chemicals.

Storage Practices and Warnings: Store only in the original package. Keep package tightly sealed. Store in a dry area. Protect from exposure to direct light. Store in a cool dry area. Store away from food and beverages. Minimize dust generation and accumulation. Avoid breathing dust and contact with eyes. Return cap to canisters immediately. Close pouches immediately after use. Continue to follow all SDS/label warnings when handling empty containers. Observe normal warehouse handling procedures. The avoidance of any air contaminant is always a recommended practice. Adherence to work place ventilation standards is an assurance of general personnel health and comfort.

8. Exposure Control / Personal Protection

<table>
<thead>
<tr>
<th>Individual Protection Measures</th>
<th>Personal Protective Equipment for Normal Use</th>
<th>Personal Protective Equipment for Emergencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye/Face</td>
<td>Safety Glasses</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Skin</td>
<td>The glove material has to be impermeable and resistant to the product.</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Recommended NIOSH approved nuisance dust mask: &lt;10X PEL, use 3M 9900; &lt;100X PEL, use MSA Ultra-Twin with H filter; &lt;200X PEL, use MSA 01-00-06 with type C supplied air unit (continuous flow mode); or equivalent.</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Body Protection</td>
<td>Protective work clothing such as lab coat.</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

General Hygiene Considerations and Work Practices: Avoid dusting when in use. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at end of work. Avoid contact with the eyes and skin. Do not eat, drink or smoke when using.

Protective Measures During Repair and Maintenance of Contaminated Equipment: Not Applicable
Other Protective Measures and Equipment: Not Applicable

9. Physical and Chemical Characteristics

Appearance: Dry fluffy powder. May be colored pink or white.
Normal Physical State: Dry fluffy powder.
Specific Gravity: 0.3 g/cm³
Solubility in Water: Partially soluble
Vapor Pressure (mm Hg): Not Applicable
Vapor Density (AIR=1): Not Applicable
pH: Not Applicable
Evaporation Rate (Butyl Acetate =1): Not Applicable
Odor: Spearmint odor.
Melting Point: Not Applicable

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid): Hydrofluoric Acid.

Hazardous Products Produced During Decomposition: No dangerous decomposition products known if used according to Directions for Use. (DFU).

Hazardous Polymerization: □May Occur ☒May Not Occur  Conditions to Avoid: None known
Stability? ☒Stable □Unstable  Conditions to Avoid: None known

11.Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data: Product may irritate the skin. On the eye the product has an irritating effect. Sensitization: No sensitizing effects known.

Emergency Overview: Material may be mildly irritating to eyes.

Routes of Exposure  Signs and Symptoms  Single, Repeated, or Lifetime Exposure  Severity (Mild, Moderate, Severe)  Acute and Chronic Health Effect(s)  Target Organ(s)
Eye  Material can cause irritation.  Single  Moderate  Irritation and possible corneal damage  Not Applicable
Skin  Material may be irritating  Single & Repeated  Moderate  Possible irritation  Not Applicable
Inhalation  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable
Ingestion  Material is probably not harmful if swallowed  Not Applicable  Mild  Low order of toxicity is expected when large amounts of material are ingested. Acute toxicology study in rats LD₅₀ >2,000mg/kg  Not Applicable
Other  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable

Medical Conditions Aggravated by Exposure Open sores and wounds of the skin.
Carcinogenicity  NTP?: Not listed  IARC monographs?: Not listed  OSHA regulated?: No
All components of this product are in compliance with the inventory listing Requirements of the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
Potential Environmental Effects: Do not allow to enter sewers/surface or ground water.

NFPA Hazard Classification Ratings (Scale 0-4): Health = 0, Fire = 0, Reactivity = 0

12. Ecological Information
Toxicity Data, Environmental Fate, Physical/Chemical Data, or other Data Supporting Environmental Hazard Statements: Water Hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water streams or sewage system.

13. Disposal Considerations
Regulations: Dispose of material as solid waste in a closed container. Dispose of in accordance with Federal, State and Local regulations. Vacuum clean dust with equipment fitted with a HEPA filter. Use dust suppression such as water if sweeping is necessary. Sweep up spilled material and place in closed containers for disposal.

Properties (Physical/Chemical) Affecting Disposal: Dispose of material as solid waste in a closed container.

14. Transport Information

<table>
<thead>
<tr>
<th>Regulated for Shipping: No. Not Regulated</th>
<th>DOT Shipping Name: Not Regulated</th>
<th>Packing Group: Not Applicable</th>
</tr>
</thead>
</table>

Do Changes in Quantities, packaging, or shipment method change product classification? No

DOT Hazard Class: Not Applicable
UN Number: Not Applicable

15. Regulatory Information

This product has been classified in accordance with the hazard criteria of the Globally Harmonized System of Classification and Labeling of Chemicals and the SDS contains all of the information required by the Canadian Controlled Products Regulations.

U.S. Federal Regulations: CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations

Section 313 Toxic Chemicals: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

U.S. State Regulations California Proposition 65: This product does not contain any chemicals, which are on the California Proposition 65 list.

International Regulations: Canadian Environmental Protection Act: This product is a medical device and not subject to chemical notification requirements.

European Community Labeling: Not a dangerous preparation.

European Inventory of New and Existing Chemicals Substances (EINECS): This product is a medical device and not subject to chemical notification requirements.

Other: Not Applicable

16. Other Information
To the best of our knowledge this product does not contain gluten, wheat grains, flaxseed, natural rubber, or natural latex. All components are synthetically produced; none are derived from animal products.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific products features and shall not establish a legally valid contractual relationship.

The attached safety data sheet covers the dangers and measures to be taken when large quantities of material are released, for example due to accidents during transport or storage by the dealer. For quantities of material typically used in clinical practice, information necessary for safe use and storage of the product is given in the DFU.