1. Chemical Product and Contact Information

**Product Name:** TempSpan® Clear Matrix Material

**Material Safety Sheet Number:** 00300

**Date of Issue:** 05/26/05

**Revision Date:** 04/14/10

**Company Identification:** Pentron Clinical

1717 West Collins Ave.
Orange, CA 92867
Phone: 800-551-0283
203-265-7397

**Emergency Information Chemtrec:** 800-424-9300

Chemtrec International: 202-483-7616

2. Composition/Information on Ingredients

**Chemical characteristics:** Polyvinylidimethylsiloxane.

**Description:** Polyvinylsiloxane resin mixture with inorganic fillers, pigments, platinum capped polysiloxane.

**Hazardous components:**

<table>
<thead>
<tr>
<th>Element</th>
<th>CAS #</th>
<th>Exposure Limit mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyvinylidimethylsiloxane</td>
<td>68083-18-1</td>
<td>N/E</td>
</tr>
<tr>
<td>Inorganic Fillers</td>
<td>Mixture</td>
<td>N/E</td>
</tr>
<tr>
<td>Pigments</td>
<td>Various</td>
<td>N/E</td>
</tr>
<tr>
<td>Platinum Catalyst</td>
<td>N/A</td>
<td>N/E</td>
</tr>
<tr>
<td>SiH capped polysiloxane</td>
<td>68037-59-2</td>
<td>N/E</td>
</tr>
</tbody>
</table>

3. Hazard Identification

**Risk identification:**

- Special risks for human beings and environment: None known.
- Classification: Unknown.

4. First Aid Measures

**General information:**

- After skin contact: Wash with soap and water. Consult a physician if irritation occurs.
- After eye contact: Immediately flush eyes with eyelids retracted with plenty of water for 15 minutes. Consult an ophthalmologist if needed.
- After swallowing: Seek medical advice immediately.

5. Fire Fighting Measures

**Extinguishing media:** Sand, chemical foam, carbon dioxide or dry chemical. During a fire, irritating and/or toxic gases and aerosols may be present from the decomposition/combustion products.

**Protective equipment:** Firefighters should wear full protective clothing, including a self-contained breathing apparatus.

6. Accidental Release Measures

**Personal precautions:** Protective gloves and goggles.

**Environmental precautions:** Absorb with inert material. Collect in closed containers and dispose of as recommended. Avoid skin contact, wear protective equipment.

**Methods for cleaning up:** Dispose in accordance to Federal, State, and local regulations.

7. Handling and Storage

**Handling:** Not applicable.

**Handling procedures:** Not applicable.

**Recommendation for fire and explosion protection:** Not applicable.

**Storage:**

- Store at ambient temperature, away from direct sunlight, initiators, oxidizing, and/or reducing agents.
- Over time, spontaneous polymerization may occur.

**Requirements at storerooms and containers:**

- Additional storage conditions: Not applicable.
- Storage classification: Not applicable.
- VBF- classification: Not applicable.
### 8. Exposure Controls/Personal Protection

Additional information:

**Personal protective equipment:** Protective gloves (Rubber, PVS, Nitrile), goggles are recommended. Rubber apron.

**General measure of protection and hygiene:** Normal hygienic measures.

**Respiration:** Unknown.

**Hands:** Protective gloves.

**Eyes:** OSHA approved goggles.

### 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance: Form:</td>
<td>Gel or putty-like.</td>
</tr>
<tr>
<td>Color:</td>
<td>Light blue/grey appearance.</td>
</tr>
<tr>
<td>Odor:</td>
<td>Odorless</td>
</tr>
</tbody>
</table>

**Information on change in the physical state**

- **Melting point/melting range:** Not applicable.
- **Boiling point/boiling range:** Not applicable.
- **Flash point:** 485°F (252°C) Closed cup - DIN 51755.
- **Autoignition temperature:** Unknown.
- **Danger of explosion:** Unlikely.
- **Density:** Various.
- **Vapor pressure:** Not applicable.
- **Viscosity:** Not applicable.
- **pH:** Not applicable.
- **Solubility in/miscibility with water:** Insoluble.
- **Content of solvents:** None.
- **Percent Volatile:** < 2%.
- **Water:** None.
- **Content of solids:** Various.

### 10. Stability and Reactivity

**Stable.**

### 11. Toxicological Information

- **Carcinogenicity:** None of the components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.
- **TLV:** None.
- **Primary routes of entry:** Inhalation, skin, and eyes.

### 12. Ecological Information

**General information:** Unknown.

**Classification of water endangerment:** Unknown.

### 13. Disposal Considerations

**Disposal consideration:** Dispose of in accordance with Federal, State, and local regulations.

### 14. Transport Information

**Not classified as dangerous goods.**

### 15. Regulatory Information

**Classification according to EEC guidelines:** Unknown.

**National Prescriptions:** Unknown.

**Classification according to VbF:** Unknown.

### 16. Other Information

The information and recommendations set forth herein (hereinafter “information”) are presented in good faith and believed to be correct as of the date hereof. Pentron Clinical however, makes no representations as to the completeness or accuracy of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Pentron Clinical be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.

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