



## MATERIAL SAFETY DATA SHEET

**M.S.D.S. #00300**
**Page 1 of 2**

May 26, 2005

### 1. Chemical Product and Contact Information

**Product Name:** TempSpan® Clear Matrix Material  
**Material Safety Sheet Number:** 00300  
**Date of Issue:** 05/04/05  
**Revision Date:** Not Applicable  
**Company Identification:** Pentron Clinical Technologies, LLC  
 P.O. Box 724  
 Wallingford, CT U.S.A. 06492  
**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:**

Element	CAS #	Exposure Limit mg/m <sup>3</sup>	
		OSHA PEL	ACGIH TLV
Polyvinylidimethylsiloxane	68083-18-1	N/E	N/E
Inorganic Fillers	Mixture	N/E	N/E
Pigments	Various	N/E	N/E
Platinum Catalyst	N/A	N/E	N/E
SiH capped polysiloxane	68037-59-2	N/E	N/E

### 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.  
**Methods for cleaning up:** Avoid skin contact, wear protective equipment. Dispose in accordance to Federal, State, and local regulations.  
**Additional information:** Unknown.

### 7. Handling and Storage

**Handling:** Not applicable.  
**Handling procedures:** Not applicable.  
**Recommendation for fire and explosion protection:** Not applicable.  
**Storage:** At 65°F - 75°F (18°C - 24°C) away from direct sunlight, initiators, oxidizing, and/or reducing agents.  
**Requirements at storerooms and containers:** Over time, spontaneous polymerization may occur.  
**Additional storage conditions:** Not applicable.  
**Storage classification:** Not applicable.  
**VBF- classification:** Not applicable.

**MATERIAL SAFETY DATA SHEET**

M.S.D.S. #00300

Page 2 of 2

May 26, 2005

**8. Exposure Controls/Personal Protection**

Components with limits of values to be supervised at the workplace: The product contains no relevant quantities of components with limits of values to be supervised at the workplace.

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**

Appearance: Form: Gel or putty-like.  
Color: Light blue/grey appearance.  
Odor: Odorless or flavored.

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:

&lt; 2%.

Water:

None.

Content of solids:

Various.

**10. Stability and Reactivity**

Incompatibility with other substances:

Stable.

Hazardous decomposition products:

Not applicable.

Not applicable.

**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 believe to be correct as of the date

hereof. Pentron Clinical Technologies, LLC, 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 Technologies, LLC be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.