



## MATERIAL SAFETY DATA SHEET

M.S.D.S.#00301

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### 1. Chemical Product and Contact Information

**Product Name:** TempSpan® Glaze  
**Material Safety Sheet Number:** 00301  
**Date of Issue:** 08/04/95  
**Revision Date:** 08/04/05  
**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:** Visible light curable resin glaze with photo initiators, nano-particulate filler, UV absorber, and stabilizer.  
**Hazardous components:** None Known.

Element	CAS #	Exposure Limit mg/m <sup>3</sup>	
		OSHA PEL	ACGH TLV
Multifunctional Acrylates	NA	N/E	N/E
Methacryloxy Silane	2530-85-0	N/E	N/E
THFMA	24455-24-5	N/E	N/E
Photoinitiator System	Various	N/E	N/E
Polyhedral Oligomeric Silsequioxane	NA	N/E	N/E

### 3. Hazard Identification

**Risk identification:** None known.  
**Special risks for human beings and environment:** None known.  
**Classification:** Not hazardous. Those people known to be allergic to methacrylate resins should avoid the use of this product.

### 4. First Aid Measures

**General information:** Unknown.  
**After skin contact:** Wash with plenty of soap and water.  
**After eye contact:** Rinse with plenty of water and contact an ophthalmologist.  
**After swallowing:** Seek medical advice immediately.

### 5. Fire Fighting Measures

**Extinguishing media:** CO<sub>2</sub>, water, dry chemical.  
**Protective equipment:** Unknown.

### 6. Accidental Release Measures

**Personal precautions:** Wear protective equipment. Avoid direct contact.  
**Environmental precautions:** Unknown.  
**Methods for cleaning up:** Absorb with inert material. Collect in closed containers and dispose as recommended.  
**Additional information:** Dispose in accordance with Federal, state, and local regulations.

### 7. Handling and Storage

**Handling:** Always handle with care.  
**Handling procedures:** Unknown.  
**Recommendation for fire and explosion protection:** Unknown.  
**Storage:** Store at room temperature, 65°F-75°F (18°C-24°C) and avoid direct sunlight.  
**and containers:** Store in a dry place.  
**Additional storage conditions:** Not applicable.  
**Storage classification:** Unknown.  
**VBF - classification:** Unknown.



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### 8. Exposure Controls/Personal Protection

Additional information:  
Personal protective equipment: Protective gloves and goggles are recommended.  
General measure of protection and hygiene: Follow normal hygienic measures.  
Respiration: Not necessary.  
Hands: Protective gloves.  
Eyes: OSHA approved goggles.

### 9. Physical and Chemical Properties

Appearance: Form: Low viscosity gel form.  
Color: Slightly yellow.  
Odor: Esterlike.

Information on change in the physical state

Melting point/melting range: Not applicable.  
Boiling point/boiling range: Unknown  
Flash point: Not applicable  
Autoignition temperature: Not applicable.  
Danger of explosion: Not likely.  
Density: 1.12 g/cm<sup>3</sup>  
Vapor pressure: Not applicable.  
Viscosity: Not applicable.  
pH: Not applicable.  
Solubility in/miscibility with water: Negligible.  
Content of solvents: None.  
Organic solvents: None.  
Content of solids: < 5%.

### 10. Stability and Reactivity

Incompatibility with other substances: Avoid strong oxidizing and reducing agents, heat and direct light. Overtime, spontaneous polymerization may occur.  
Hazardous decomposition products: Unknown.

### 11. Toxicological Information

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

### 12. Ecological Information

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

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.

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