

**1. Chemical Product and Contact Information**
**Product Name:** TempSpan® Glaze

**Material Safety Sheet Number:** 00301

**Date of Issue:** 08/04/95

**Revision Date:** 10/29/09

**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:** 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	ACGIH 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 ambient temperature, and avoid direct sunlight.

**and containers:** Store in a dry place.

**Additional storage conditions:** Not applicable.

**Storage classification:** Unknown.

**VBF- classification:** Unknown.

**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.
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**14. Transport Information**

Not classified as dangerous goods.

**15. Regulatory Information**

Unknown.

**16. Other Information**

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