

## 1. Chemical Product and Contact Information

**Product Name:** First-fill® temporary filling material

**Material Safety Sheet Number:** 00001  
**Date of Issue:** 12/08/98  
**Revision Date:** 11/03/09  
**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:** A mixture of mono and dimethacrylate resins, silica and titanium dioxide.  
**Description:** Visible light cured dental composite.  
**Hazardous components:** None known.

Element	CAS #	Exposure Limit mg/m <sup>3</sup>	
		OSHA PEL	ACGIH TLV
Titanium Dioxide	13463-67-7	15*	10
Photo Curing System	Various	N/E	N/E

## 3. Hazard Identification

**Risk identification:** None known.  
**Special risks for human beings and environment:** None known.  
**Classification:** Classification corresponds to actual EEC guidelines.

## 4. First Aid Measures

**General information:**  
**After skin contact:** Wash with plenty of water and soap.  
**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  
**Protective equipment:** Unknown.

## 6. Accidental Release Measures

**Personal precautions:** Protective gloves, goggles and others are recommended.  
**Environmental precautions:** Unknown.  
**Methods for cleaning up:** Wipe up with absorbent material.  
**Additional information:** Unknown.

## 7. Handling and Storage

**Storage:** Store in a dry place. Protect from light. Do not store in high heat areas.  
 Store away from foodstuffs.

## 8. Exposure Controls/Personal Protection

**Additional information:**  
**Personal protective equipment:** Protective gloves, goggles are recommended.  
**General measure of protection and hygiene:** Normal hygienic measures.  
**Respiration:** Not applicable.  
**Hands:** Protective gloves.  
**Eyes:** OSHA approved goggles.

## 9. Physical and Chemical Properties

Appearance:	Form:	Paste, white yellowish.
	Color:	Tooth colored.
	Odor:	Odorless.
Information on change in the physical state		
Melting point/melting range:		Not applicable.
Boiling point/boiling range:		Not applicable.
Flash point:		Not applicable.
Autoignition temperature:		Unknown.
Danger of explosion:		Not likely.
Density:		c.a.1.2 g/cm <sup>3</sup>
Vapor pressure:		Not applicable.
Viscosity:		Paste.
pH:		Neutral.
Solubility in/miscibility with water:		None.
Content of solvents:		None.
Organic solvents:		None.
Water:		None.
Content of solids:		Unknown.

## 10. Stability and Reactivity

Incompatibility with other substances:	Stable. Avoid heat, direct sunlight, strong oxidizers and free radical initiators.
Hazardous decomposition products:	Not known.

## 11. Toxicological Information

Allergic reaction to methacrylate by chronic exposure to product is possible.	
Acute toxicity:	Not available.
Primary irritation:	
Skin Contact:	Yes. Skin absorption: Unknown.
Eye:	Irritating.
Inhalation:	Non volatile.
Ingestion:	Possibly toxic when swallowed.
Sensitization of product:	Not observed.
Additional Toxicological information:	During the long period of use as filling material no health diseases are reported.

## 12. Ecological Information

General information:	Unknown.
Classification of water endangerment:	Unknown.

## 13. Disposal Considerations

Product:	
Recommendation:	Dispose in accordance with local, state, and federal regulations.
Disposal key number:	Unknown.
Uncleaned packaging:	Unknown.
Recommendation:	Unknown.

## 14. Transport Information

RID/ADR:	Unknown.
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## 15. Regulatory Information

Classification according to EEC guidelines:	No classification necessary to actual EEC guidelines.
National Prescriptions:	Unknown.
Classification according to VbF:	Not applicable.

## 16. Other Information

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