



Effective Date 01-Dec-2025

# SAFETY DATA SHEET

Version 1

## 1. IDENTIFICATION

### Product Identifier

Trade Name PulseTemp (Automix 10:1)

### Other means of identification

SDS# 091

Product Code PTA1, PTA2, PTA3

### Recommended use of the chemical and restrictions on use

Recommended Use Dental product

### Details of the supplier of the safety data sheet

Supplier Address Lang Dental Mfg. Co., Inc.  
175 Messner Dr.  
Wheeling, IL 60090  
USA

### Emergency telephone number

Company Phone Number +1-847-215-6622

Emergency Telephone (INFOTRAC) +1-352-323-3500 (International)  
800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

Causes skin irritation	Category 2
Causes serious eye irritation	Category 2
May cause an allergic skin reaction	Category 1
STOT May cause respiratory irritation	Category 3

Signal word Warning

Hazard statements H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation.



Appearance Tooth colored Physical state Paste Odor Nearly orderless

### Precautionary Statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### Chemical characterization

Mixture of polyfunctional acrylates and methacrylates, unsaturated esters and malonyl urea derivatives

### Hazardous components:

Methacrylates GHS07, H315, H317, H319, H335

## 4. FIRST AID MEASURES

### **First aid measures**

General information: Seek medical advice, if symptoms occur, which can be caused by the product.

Skin contact: Wash with plenty of water and soap.

Inhalation: Remove to fresh air.

Eye contact: Rinse immediately with plenty of water and consult a doctor.

Ingestion: If symptoms persist consult a doctor.

## 5. FIRE-FIGHTING MEASURES

### **Extinguishing Media**

**Suitable:** Carbon dioxide, powder, water spray.

Use extinguishing method and media suitable to surrounding fire.

### **Specific hazards arising from the substance or mixture**

No further relevant information available.

### **Protective equipment**

Wear self-contained respiratory protective equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Not required

**Environmental precautions** Do not allow to enter drains/surface water/ground-water.

**Method for clean-up** Pick up mechanically. Clean up affected area.

**Reference to other sections** See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment

See Section 13 for disposal information

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

This product should only be supplied or handled to dentists or dental technicians or upon their instructions

Information for safe handling: Observe normal care for working with chemicals.

Information about fire and explosion protection: No special measures required

Storage: Store at a dry place. Store tightly closed. Storage temperature <25°C.

Requirements at storerooms and containers: Store only in the original containers

Further information on storage conditions: Store away from food stuffs.

Specific end uses: No further relevant information available

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Exposure guidelines**

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: The lists valid during the making were used as basis.

### **Personal protective equipment**

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs and beverages. Avoid contact with eyes or skin

Hand protection: Protective gloves. Due to missing tests no recommendation to the glove material can be given for the product.

Eye protection: Safety glasses

Respiratory protection: Required, when aerosols are generated

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state	Paste	Odor	Nearly odorless
Appearance	Paste		
Color	Teeth colored		
<b>Property</b>	<b>Values</b>	<b>Remarks / Method</b>	
Melting point / Freezing point	Not applicable		
Boiling point / boiling range	Not applicable		
Flash point	Not determined		
Ignition temperature	Not determined		
Danger of explosion	None		
Density	1.50 (20°C g/cm <sup>3</sup> )		
Vapor pressure	Not applicable		
pH	Neutral		
Solubility in/miscibility with	Partially soluble in toluene		
Water	Insoluble		
Content of solvents	None		
Organic solvents	None		

## 10. STABILITY AND REACTIVITY

### Thermal decomposition / conditions to be avoided

**Possibility of hazardous reactions** No information available.

**Conditions to avoid:** Heat, direct sunlight and radical starters. The product is stable by proper use. Avoid contact with alkali metals, hydrides, strong oxidizing agents, radical initiators.

**Hazardous decomposition products** No information available.

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity** No data available

**Routes of Exposure** – No data available

**Primary Irritation** – Eyes, Skin

**Sensitization** Sensitization by skin contact possible

**Additional toxicological information:** Allergic reactions to the product after long-term exposure are possible. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

## 12. ECOLOGICAL INFORMATION

**General information:** Avoid transfer into environment

## 13. DISPOSAL CONSIDERATIONS

**Product Recommendation:** Small quantities can be disposed of with household waste. Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

**Uncleaned packaging:** Recommendation - Disposal must be made according to official regulations

## 14. TRANSPORTATION INFORMATION

<b>DOT</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG</b>	Not regulated

## 15. REGULATORY INFORMATION

**EU Regulations** Medical Devices Directive 93/42/EEC

**US State Regulations** Not determined

**US State Right-to-Know Regulations** Not determined

## 16. OTHER INFORMATION

**Effective Date** 01-Dec-2025

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet