

# Versa-Temp Temporary Crown + Bridge Material, all shades

# Material Safety Data Sheet

72010/MS, Rev. A

Last revised 24-Jan-2002

Approved for Use: 24-Jan-2002

Approved By: C. Smith

## 1. Chemical Product and Company Identification

Product Name: Versa-Temp Temporary Crown + Bridge Material

Responsible Manufacturer:

**Sultan Chemists, Inc.**

85 West Forest Ave. • Englewood, NJ 07631 USA

Telephone: 201-871-1232

## 2. Composition / Information on Hazardous Ingredients

Hazardous Ingredients	CAS#	Percentage
-----------------------	------	------------

Preparation of bis-GMA, multifunctional methacrylates, polymerization activator.

## 3. Hazards Identification

**Acute Health Hazards:** May cause eye, respiratory and skin irritation in high concentrations.

**Chronic Health Hazards:** Material is not known to cause significant health problems.

**Signs and Symptoms of Exposure:** High concentrations can cause eye and respiratory irritation.

**Primary routes of exposure:** Inhalation, skin contact, eye contact

**Carcinogenicity:** NTP – no, OSHA – no, IARC – no.

## 4. First Aid Measures

**In case of inhalation:** If irritation occurs, take victim to open air. If breathing difficulty persists, consult a physician.

**In case of skin contact:** Wash with soap and water.

**In case of eye contact:** Flush with large quantities of water for 15 minutes. Consult a physician.

**In case of ingestion:** Ingestion of small amounts of material will not cause a problem. In the case of ingestion of large quantities, consult a physician.

## 5. Fire-Fighting Measures

**Extinguishing Media:** Carbon dioxide, water spray, dry chemical

**Special Fire Fighting Procedures:** Avoid a direct jet of water.

**Unusual Fire and Explosion Hazards:** None

## 6. Accidental Release Measures

**Environmental Precautions:** Avoid seepage into sewers and water supplies.

**Clean-Up Procedure:** Wipe up spill and dispose of properly.

## 7. Handling and Storage

**Handling:** No special measures necessary if handled according to instructions.

**Storage:** Keep container tightly closed when not in use. Store in a cool, dry location. Keep material in original packaging.

## 8. Exposure Controls / Personal Protection

**Exposure Controls:** Use in well-ventilated areas.

**Respiratory Protection:** Avoid inhalation of dust. No special protection under normal use.

**Hand and Skin Protection:** Avoid unnecessary skin contact.

**Eye Protection:** Wear safety goggles or safety glasses with side shields when handling.

**Hygiene Measures:** Remove spilled material from skin and clothing. Do not eat or drink when handling this material.

## 9. Physical and Chemical Properties

**Appearance:** Yellowish colored viscous liquid

**Odor:** Slight ester-like odor

**Boiling Point/Range:** > 250° C

**Flash Point:** > 150° C

**Evaporation Rate:** > 1 (Water = 1)

**Solubility in Water:** < 1%

**Vapor Density:** > 1 (Air = 1)

## 10. Stability and Reactivity

**Stability:** This material is stable.

**Hazardous Reactions:** None if handled according to directions

**Hazardous Polymerization:** May occur.

**Conditions to Avoid:** Heat, UV light

**Incompatibility:** Strong reducing agents, free radical initiators.

**Hazardous Decomposition Products:** Carbon dioxide, water, carbon monoxide, acrylic decomposition products, depending on conditions of heating and burning.

## 11. Toxicological Information

**Acute oral toxicity:** no data available

**Irritation of Skin:** dryness and irritation possible upon prolonged exposure

**Allergic Effects:** Methacrylate sensitive individuals may exhibit an allergic reaction.

## 12. Ecological Information

**Do not discharge into sewers or water supplies**

**Environmental persistence and degradability:** no data available

**Ecotoxicity:** no data available

## 13. Disposal Considerations

May be disposed of in landfill or incinerator in accordance with local, state and federal regulations.

## 14. Transport Information

**U.S. DOT Shipping Name:** Not Regulated

**U.S. DOT Hazard Class:** None

**U.N./N.A. Number:** None

**U.S. DOT Packing Group:** None

**Other:** Not considered hazardous cargo

## 15. Regulatory Information

**U.S.-O.S.H.A. Status:** This material is not hazardous under the criteria of the U.S. Federal Hazard Communication Standard.

## 16. Other Information

Material should be maintained in original containers. Empty containers should not be re-used.

### ANSI/NFPA 704 Data

Fire = 2

Health = 1

Reactivity = 1

Specific Hazard = None

