

Material Safety Data Sheet



Sultan Chemists, Inc.
88 West Forest Avenue, Englewood, NJ 07631
Phone: 201-871-1232 • Toll Free: 800-637-8582
Fax: 201-871-0321 • <http://www.sultanchemists.com>
EU Auth. Rep. (MDD 93/42/EEC)
MOSS GmbH • Burkhardtstraße 1, Hannover • 30163, Germany

FOR CHEMICAL EMERGENCY: CALL INFOTRAC 1-800-535-5053 24 Hrs. per day, 7 days per week

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ANSI/ISO 9001 Data:
Hazard Rating

- 4 = Extreme
- 3 = High
- 2 = Moderate
- 1 = Slight
- 0 = Insignificant
- H = Hazardous

Flammability	0
Reactivity	1
Specific Hazard	0

1. **Chemical Identification**
Product Name: Versa-Temp Temporary Crown +
Bridge Material Ref. # 72010, 72015, 72020, 72025,
72030, 72035, 72040
2. **Composition / Information on Hazardous Ingredients**
Preparation of bis-GMA, multifunctional methacrylates, polymerization activator.
3. **Hazard's 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
4. **First Aid Measures**
Carcinogenicity: NTP - no, OSHA - no, IARC - no.
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 paste
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.
Incompatibility: peroxides, metal powders, strong oxidizers, 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

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.

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