



Material Safety Data Sheet
ADVANTAGE MATRIX TEMP, TEMPORARY CROWN AND BRIDGE MATERIAL

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

ADVANTAGE MATRIX TEMP, TEMPORARY CROWN AND BRIDGE MATERIAL

MANUFACTURED FOR:

Advantage Dental Products, Inc.
4498 Klais Dr.
Clarkston, MI 48348

FOR INFORMATION CALL:
(800) 388-6319 or (248) 391-1625

EMERGENCY TELEPHONE:

ChemTel, Inc. (United States/ Canada) 1-800-255-3924
(International) 813-248-0585 (consult operator for dialing United States from overseas)



Description: Temporary Crown/Bridge Resin
Physical Form: Translucent Paste
NFPA Profile: Health 0
Flammability 1
Instability/Reactivity 0

Color: Clear
Odor: Slight

Note: NFPA = National Fire Protection Association

2. OSHA HAZARDOUS COMPONENTS

None present. This is not a hazardous material as defined in the OSHA Hazard Communication Standard.

3. EFFECTS OF OVEREXPOSURE

Acute Effects

Eye: Direct contact may cause temporary redness and discomfort.
Skin: No significant irritation expected from a single short-term exposure.
Inhalation: No significant effects expected from a single short-term exposure.
Oral: None

Prolonged/Repeated Exposure Effects

Skin: No known applicable information.
Inhalation: No known applicable information.
Oral: None

Signs and Symptoms of Overexposure

No known applicable information.
Medical Conditions Aggravated by Exposure
No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

4. FIRST AID MEASURES

Eye: Immediately flush with water.
Skin: No first aid should be needed.
Inhalation: No first aid should be needed.
Oral: No first aid should be needed.
Comments: Treat symptomatically.



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5. FIRE FIGHTING MEASURES

Flash Point: Not determined, but product will combust at elevated temperatures.

Autoignition Temperature: Not determined.

Flammability Limits in Air: Not determined.

Extinguishing Media: Choose media to fight surrounding fire.

Fire Fighting Measures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan.

Unusual Fire Hazards: None.

Hazardous Decomposition Products: Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds.

6. ACCIDENTAL RELEASE MEASURES

Containment/Clean up: Observe all personal protection equipment recommendations described in Sections 5 and 8. Avoid contact with product; wash thoroughly with soap and water if contact occurs. Wipe up any spills with paper or cloth towels; Use of soap and water to thoroughly cleanse spill areas is suggested. Final cleaning may require use of solvents in some unusual cases. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements. Note: See section 8 for Personal Protective Equipment for Spills.

7. HANDLING AND STORAGE

Use with adequate ventilation. Avoid eye and skin contact. Avoid exposure to moisture and light. Store at temperatures not exceeding 73°F (23°C). Use reasonable care and store away from oxidizing materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

There are no components with workplace exposure limits.

Engineering Controls

Local Ventilation: None should be needed.

General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling

Eyes: Use proper protection - safety glasses as a minimum.

Skin: Washing at mealtime and end of shift is adequate.

Suitable Gloves: No special protection needed.

Inhalation: No respiratory protection should be needed.

Suitable Respirator: None should be needed.

Personal Protective Equipment for Spills

Eyes: Use proper protection - safety glasses as a minimum.

Skin: Washing at mealtime and end of shift is adequate.

Inhalation/Suitable Respirator: No respiratory protection should be needed.

Precautionary Measures: Avoid eye contact. Use reasonable care.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Clear translucent Paste.
Odor: Slight
Specific Gravity @ 25°C: 1.2 (water=1.0)
Viscosity: Not Determined
Freezing/Melting Point: Not Determined
Boiling Point/Range: Not Determined
Vapor Pressure @ 25°C: Negligible at room temp.
Vapor Density: Not determined.

Color: Clear
Solubility in Water: Virtually Insoluble.
pH: Neutral.
Volatile Content: Not determined.
Reactivity in Water: None
Oxidizing Properties: None
Flammability: Yes

Note: The above information is not intended for use in preparing product specifications.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at room temperature; Potential instability at elevated temperatures.
Hazardous Polymerization: May occur when large quantities are exposed to elevated temperatures.
Conditions to Avoid: Elevated temperatures.
Materials to Avoid: Oxidizers, Amines

11. TOXICOLOGICAL INFORMATION

Special Hazard Information on Components: No known applicable information.
Potential Acute Health Effects: Possibility of skin irritation or sensitization if not washed off promptly.
Potential Chronic Health Effects: Possibility of skin sensitization or irritation upon prolonged or repeated exposure.
Signs and Symptoms of Exposure: Skin/eye irritation.
Medical Conditions Generally Aggravated by Exposure: None known.
Carcinogenic or Potential Carcinogenic Effects: No ingredient listed as a carcinogen.
Other Potential Health Effects: None known.

12. ECOLOGICAL INFORMATION

Environmental Effects: No ecological damage or impact anticipated upon exposure of any component to environment in quantities as packaged.

13. DISPOSAL CONSIDERATIONS

RCRA Hazard Class (40 CFR 261) - None

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No

Waste Disposal: Do not dispose any components into sink. Dispose of in accordance with all federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT Road Shipment Information (49 CFR 172.101)

Not subject to DOT.

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations.



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15. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

U.S. FDA Dental Device: Class II product

EC Medical Device Directive: Class IIa product

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances:

None.

Section 304 CERCLA Hazardous Substances:

None.

Section 312 Hazard Class:

Acute: No

Fire: No

Reactive: No

Chronic: No

Pressure: No

Section 313 Toxic Chemicals:

None present or none present in regulated quantities.

Supplemental State Compliance Information

California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm. **None known.**

Massachusetts

No ingredient regulated by MA Right-to-Know Law present.

Minnesota

No ingredient regulated by MN Right-to-Know Law present.

New Jersey

No ingredient regulated by NJ Right-to-Know Law present.

Pennsylvania

No ingredient regulated by PA Right-to-Know Law present.

16. OTHER INFORMATION

Prepared by: ChemTel Inc.
1305 N Florida Ave.
Tampa, FL 33602



Tel 888-255-3924 (USA/Canada) or 813-248-0573 (International)

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources that we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. If the product is used as a component in another product or used in a way other than recommended by the Company, this MSDS information may not be applicable.