

Materials Safety Data Sheet

According to the regulation (EC) No. 1907/2006 (REACH)

Product Name: inCoris TZI Coloring Liquid

Valid from: 09.09.2011

Replaces the version from: -

Printing date: 11/29/2011

1: Product and Company Identification

Product Name: inCoris TZI Coloring Liquid

Supplier: SIRONA Dental Systems GmbH
Fabrikstraße 31
D-64625 Bensheim
Germany
<http://www.sirona.com>
Phone: + 49(0)6251/16-3440
Fax: + 49(0)6251/16-2935

Manufacturer: PrismaTik Dentalcraft, Inc.
2181 Dupont Drive
Irvine, CA 92612

Emergency No.: (800) 854-7256

Fax No.:

Chemtrec USA: (800) 424-9300 (24 hours a day/7 days a week)

Chemtrec Int'l: (703) 527-3887 (Collect calls accepted)

Poison Control Ctr: (800) 222-1222 (If over-exposure occurs)

Product Use: To facilitate the manufacture of dental prostheses in the dental laboratory

Intended Use: Coloring liquid for shading of inCoris TZI – solid zirconia crown and bridge restorations.

Limitations: For dental lab use only

2: Chemical Composition/Information on Ingredients

Aqueous coloring liquid for shading of Zirconia restorations

Hazardous Components: None

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

3: Hazards Identification

Potential Health Effects: May cause mild irritation to eyes, respiratory system or skin.

4: First Aid Measures

Eye Contact: Immediately flush with water for 10-15 minutes. Lift eyelid to ensure thorough flush. If irritation persists seek medical attention.

Skin contact: Thoroughly wash with soap and water. If irritation persists seek medical attention.

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Ingestion: Do not induce vomiting. Rinse mouth with water if person is conscious. If irritation persists seek medical attention.

Inhalation: Remove person from source of exposure into fresh air. If symptoms persist, seek medical attention.

5: Fire Fighting Measures

Flash Point: No data available
Flammable Limits – LEL: Not determined
Flammable Limits – UEL: Not determined
Extinguishing Media: Use dry chemical, foam, water, CO₂.
Special Fire Fighting Procedures: No special fire fighting measures required.
Unusual Fire and Explosion Hazards: Not determined
Hazardous Decomposition Materials: Not determined
Under Fire Conditions: Toxic fumes may be released due to heat during fire. Protective clothing suitable respiratory protection is required.

6: Accidental Release Measures

Personal Precautions: Minimize direct contact with skin and eyes and inhalation of fumes through suitable protective measures. Ventilate room sufficiently. Avoid spilling into drains and waterways. Dispose of at toxic waste collection point. Do not mix with normal refuse.

Methods of Cleaning: Use inorganic fluid-absorbing material (diatomaceous earth or universal binder) to pick up. Collect spilled material as much as possible and store in acid-proof container (Polyethylene). Clean up mechanically.

7: Handling and Storage

Handling: By trained personnel only. Wear protective glasses and rubber gloves. Keep out of reach of children.

Storage: Keep under temperature of 8°C/46.4°F.

Spillage: Wear protective equipment as specified for handling.

Waste Disposal: Dispose of toxic waste at waste collection point. Do not mix with normal refuse.

8: Exposure Controls/Personal Protection

Name	OSHA PEL (mg/m ³)	ACGIH TLV (mg/m ³)
Coloring liquid mixture	Not established at these low levels	Not established at these low levels
OSHA = Occupational Safety and Health Administration ACGIH = American Conference of Governmental Industrial Hygienists AIHA = American Industrial Hygiene Association.		

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Personal Protective Equipment:

Eye protection: Glasses.

Skin protection: Rubber gloves.

Respiratory Protection: Masks.

Engineering Controls: Provide adequate local ventilation (see Section 7 for further information).

9: Physical and Chemical Properties

<u>Physical State:</u>	Liquid
<u>Odor:</u>	Distinctive
<u>Color:</u>	Yellow
<u>pH:</u>	Not applicable
<u>Melting Point:</u>	Not applicable
<u>Boiling Point:</u>	100°C
<u>Flash Point:</u>	Not applicable
<u>Evaporation Rate:</u>	Not applicable
<u>Flammability:</u>	Noncombustible
<u>Upper/Lower Flammable Limit</u>	Not applicable
<u>Explosion Limit</u>	None
<u>Vapor Pressure:</u>	Not applicable
<u>Vapor Density:</u>	Not applicable
<u>Bulk Density:</u>	0.998g/cm ³
<u>Specific Gravity</u>	No data available
<u>Solubility in water:</u>	Complete
<u>Partition coefficient n-octanol/water</u>	No data available
<u>Auto-ignition temperature</u>	Not applicable
<u>Decomposition temperature</u>	Not applicable

10: Stability and Reactivity

<u>Chemical Stability:</u>	Yes
<u>Conditions to Avoid:</u>	None known
<u>Hazardous reactions:</u>	None known
<u>Hazardous Decomposition Products:</u>	None known

11: Toxicological Information

For further information on toxicity of this product and its components please contact address at Page 1

12: Ecological Information

The product is unlikely to cause any environmental damage if handled and used in accordance with the manufacturer's specifications.

13: Disposal Considerations

Disposal must be in accordance with applicable federal, state and local regulations. State or local regulations or restrictions may differ from federal regulations.

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14: Transport Information

This product is not classified as a hazardous material for any type of transportation.

15: Regulatory Information

This product does not require classification according to the criteria of the EC. European Directive 93/42 for medical products.

16: Other Information

The information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof. PrismaTik Dentalcraft, Inc. however, makes no representations as to the completeness or accuracy of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will PrismaTik Dentalcraft, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information.

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