

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

076624902

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

076624944 076624951 076624969 076624977 076624985 076624993 076625008 076625016 076625024 076625032

076625040 076625057 076625065 076625073 076625081 076625099 076625107 076625115 076625172 076625180

## 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, CO<sub>2</sub>.  
**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 <sup>3</sup> )       | ACGIH TLV (mg/m <sup>3</sup> )      |
|-------------------------|-------------------------------------|-------------------------------------|
| 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 <sup>3</sup> |
| <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. Prismatic 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 Prismatic Dentalcraft, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information.

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