

**Vit-I-escence™**

**Colors**

Light-cured resin

**Description & Indications:**

Vit-I-escence™ Colors are a light cured, Bis-GMA composite coloring resin designed to facilitate ultimate color matching, enhancement and details. Vit-I-escence Colors are 49% filled by weight and have an average particle size of 0.7µm.

Vit-I-escence “Colors” are available in 9 colors.

**Procedure:**

**Within Composite:**

1. Deliver Vit-I-escence Color to uncured composite with 30 gauge Nano™ tip.
2. Create fine lines that duplicate occlusal groove staining, anterior stain lines, or cracks with 30 gauge Nano tip.
3. After achieving desired shading and coloring, light cure for 20 seconds.
4. Finish and polish restoration.

Note: Vit-I-escence Color can be applied just prior to placement of the last enamel layer, providing a natural look (e.g. occlusal groove staining) and assuring retention of the stain color.

**On Composite Surface:**

1. Place composite, light cure, finish and polish as desired.
2. Etch surface of composite where Color is to be placed.
3. Deliver Vit-I-escence Color to etched surface.
4. Cure for 20 seconds.

Note: When applying color to the surface, superior results can be achieved if DeOx® is placed on the surface after the Color to prevent the oxygen inhibition layer from forming.

### Coating/Shading broad surfaces:

1. Clear may be used to decrease color intensities, blend shades, or “glaze” the composite surface.
2. To create broader, “fanned” brush strokes, grasp the fiber end of the Inspirial Brush tip and pull the bristles out 1-2mm.



*Fig. 1 Placement of Color with 30 gauge Nano Tip.*



*Fig. 2 After.*



*Fig. 3 Placement of Color with Inspirial Brush Tip.*



*Fig. 4 After.*


**ULTRADENT PRODUCTS, INC.  
MATERIAL SAFETY DATA SHEET**

 Controlled Product Yes  No 

SECTION I - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING	
Material Name Vit-I-escence <sup>®</sup> Colors	Manufactured by Ultradent Products, Inc. 505 West 10200 South South Jordan, Utah 84095 USA
Material Use Light-cured resin	Emergency Contact 1-800-552-5512 or 1-801-572-4200 (Outside USA)
Date February 18, 2003	EC Representative
Prepared by: Peter Allred	

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS			
Active Ingredients	Approximate Concentration %	LD <sub>50</sub> /LC <sub>50</sub> Specify Species and Route	C.A.S. N.A. or U.N. Numbers
Bis-GMA	— —	Not established.	1565-94-2

SECTION III - HAZARDS IDENTIFICATION	
Adverse Human Effects and Symptoms	None.

SECTION IV - FIRST AID MEASURES	
Inhalation	None.
Eye Contact	Clean with water or saline.
Skin Contact	Wash with soap and water.
Ingestion	None.

SECTION V - FIRE-FIGHTING MEASURES	
Flammability	If Yes, Under Which Conditions: Flammable only under very high temperatures.
Means of Exinction	Water fog, alcohol foam, CO <sub>2</sub> , dry chemical.
Protective Equipment for Firefighters	Standard fire fighting equipment.

SECTION VI - ACCIDENTAL RELEASE MEASURES		SECTION VII - HANDLING AND STORAGE	
Personal & Environmental Precautions	None.	Handling Precautions	Avoid high temperature storage.
Methods for Cleaning	Wipe up with dry cloth.	Storage Requirements	Refrigerate resins not used on a daily basis.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION			
Respiratory Protection	N/A	Eye Protection	N/A
Hand Protection	Latex gloves.	Skin Protection	Lab coat.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES			
Appearance	Viscous liquid.	Melting Point/Flange	N/A
Odor	Acrylic.	Solubility in Water	N/A
pH	N/A	Other Data	None.

SECTION X - STABILITY AND REACTIVITY			
Chemical Stability	Conditions and Materials to Avoid	Hazardous Decomposition Products	CO <sub>2</sub>
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Light exposure initiates polymerization.		

SECTION XI - TOXICOLOGICAL INFORMATION			
Route of Entry	<input type="checkbox"/> Skin Contact	<input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact
Effects and Symptoms of Short-Term Exposure	Eye: Slight irritation.	<input type="checkbox"/> Inhalation Acute	<input type="checkbox"/> Inhalation Chronic
Chronic Effects and Symptoms of Long-Term Exposure	Eye: Mild irritation. Skin: Slight irritation.	<input type="checkbox"/> Ingestion	
Sensitization	N/A	Irritancy of Product	N/A

SECTION XII - ECOLOGICAL INFORMATION		SECTION XIII - DISPOSAL CONSIDERATIONS	
Biodegradability	Not established.	Method of Waste Disposal	In accordance with government regulations.
Further Details	None.		

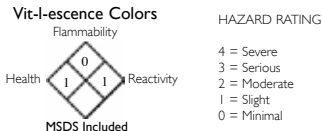
SECTION XIV - TRANSPORT INFORMATION		SECTION XV - REGULATORY INFORMATION	
Not regulated.		Not defined.	

SECTION XVI - OTHER INFORMATION	
FOR DENTAL USE ONLY. Use as directed.	

The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, Ultradent Products, Inc., makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

## Precautions:

1. Replace luer lock caps when syringes are not in use or use TipSoc™ covers.
2. Tips are disposable.
3. Clean and disinfect syringes between patients. Use Ultradent® Syringe Covers sealed with the Ultradent® Impulse Sealer for a protective barrier against cross-contamination.
4. Always twist tips securely onto syringes. Use slow, steady pressure when expressing the resin through the Inspiral Brush tip. Never use extreme force when delivering any material. If there is resistance to flow, replace with a fresh tip.
5. Any resin can be sensitizing to the patient, causing an allergic reaction if individual is already sensitized. Wash exposed area completely to remove material. If dermatitis, rash or any other allergic reaction is observed, consult a physician.



**Shelf Life: 36 months. Refrigerate if not used on a daily basis.**

Ultradent syringes have an expiration date stamped on the side of the syringe consisting of one letter and three numbers.

The letter is a lot number used for manufacturing purposes and the three numbers are the expiration date.

The first two numbers are the month, and the third number is the last number of the year.

U.S. federal law restricts the sale of this device by or on the order of a dentist.

Keep out of reach of children.

For immediate reorder and/or complete descriptions of Ultradent's product line, refer to Ultradent's catalog or call Toll Free **1-800-552-5512**.

Outside U.S. call (801) 572-4200

or visit [www.ultradent.com](http://www.ultradent.com).

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