



## MATERIAL SAFETY DATA SHEET

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND OF THE COMPANY/UNDERTAKING

Product Name: Ceramco® iC Universal Dentin Shade Stain & Overglaze Paste

Product Number: Dentin Shade Stain: 4850101- 44850146; Overglaze: 4050201

MSDS Code Number: 310

Manufacturer: Dentsply Prosthetics

Address: 570 West College Ave.  
York, PA 17405-0872

Information Telephone Number: 717-845-7511

Emergency Telephone Number: 800-424-9300 Chemtrec

Email: Prosthetics\_MSDS@Dentsply.com

Product Use: Used for staining and glazing in fabrication of dental crowns,bridges, and in/onlays.

Date of Last Revision: New, November 15, 2009

### SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview: May cause eye irritation. Components may emit fumes under fire conditions.

EU Preparation Classification (1999/45/EC): Not classified as a dangerous preparation

### SECTION 3 COMPOSITION INFORMATION ON INGREDIENTS

Ingredient	CAS No./EINECS No.	Percent	EC Substance Classification (67/548/EEC)
Sodium Potassium Aluminosilicate	Proprietary	60-70	Not Applicable
Di(propylene) Glycol	25265-71-8	0-12	Not Applicable
Butylene Glycol	107-88-0	0-18	Xi, R36/37/38

See Section 16 for further information on EU Classification.

### SECTION 4 FIRST AID MEASURES

Eye Contact: Flush eyes with water for at least 15 minutes, holding the eyelids apart. Check victim for contact lenses and remove if possible while flushing. Get medical attention if irritation persists.

Skin Contact: Wash skin with soap/water. Seek medical attention if condition persists.

Ingestion: If small quantities are swallowed, rinse out mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious or drowsy person. If irritation or discomfort occurs, get immediate medical attention.

Inhalation: Remove victim to fresh air. Get medical attention if irritation develops.

## SECTION 5 FIRE FIGHTING PROCEDURES

Extinguishing Media: Dry chemical, carbon dioxide, alcohol or polymer foam.  
Firefighting Procedures: Use fire fighting measures that suit the environment..  
Unusual Fire/Explosion Hazards: Not known.  
Known or Anticipated Hazardous Products of Combustion: Not known.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Ventilate area. Promptly clean up spills by sweeping or scooping into appropriate containers.

Personal Precautions: Avoid skin and eye contact, and breathing vapors.  
Environmental Precautions: No special measure required.

## SECTION 7 HANDLING AND STORAGE

Handling: Store away from food and beverages. Prevent contact with the eyes. Wash hands thoroughly after handling.

Storage: Store in a cool, dry location to prolong shelf life, if any. Keep container tightly closed when not in use.

## SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Limits: None established.  
Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.  
Personal Protective Equipment  
Eye Protection: Safety glasses are recommended. Eye wash station.  
Skin Protection: No special protection is required.  
Respiratory Protection: None required for normal use of the product.  
Other Protective Clothing or Equipment: Suitable washing and eye flushing facilities must be available in the work area.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Paste in various colors without an odor.

Boiling Point: Not applicable

Freezing Point: Not applicable

Solubility in Water: Insoluble in water (<0.1%)

Vapor Pressure (mmHg): Not applicable

Evaporation Rate: Not applicable

% Volatile by Volume: Negligible

Flammable Limits in Air:

LEL: Not applicable

UEL: Not applicable

Melting Point: Not applicable

Specific Gravity: 2.4 – 2.8 gm/cc @ 20°C

pH: Not applicable

Vapor Density: Not applicable

Viscosity: Not applicable

Flashpoint: Not applicable

Autoignition Temperature: Not applicable

## SECTION 10 STABILITY AND REACTIVITY

Stability: Stable. , does not degrade, partially evaporates.

Conditions to Avoid: No known dangerous reactions.

Incompatibility with Other Materials: Strong oxidizing or reducing agents.

Hazardous Decomposition Products: No known decomposition products.

## SECTION 11 TOXICOLOGICAL INFORMATION

### Potential Health Effects:

Eyes: Direct contact may cause irritation with redness, burning and tearing. Dust from grinding or polishing may cause mechanical irritation.

Skin: This product does not irritate skin.

Ingestion: No adverse effects are expected from swallowing small amounts.

Inhalation: Not expected to cause respiratory tract irritation.

Chronic Health Effects: Not known.

Carcinogenicity: None of the components are listed as possible carcinogens by NTP, IARC, ACGIH, the EU Dangerous Substances Directive, or OSHA.

Medical Conditions Aggravated by Exposure: Pre-existing respiratory diseases and skin conditions such as dermatitis may be aggravated by exposure to this material.

Mutagenicity: Not applicable.

## SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

## SECTION 13 DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state, and federal regulations for disposal of solid waste.

## SECTION 14 TRANSPORT INFORMATION

Transportation is not restricted.

## SECTION 15 REGULATORY INFORMATION

### **U.S. FEDERAL REGULATIONS:**

CERCLA: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report all spills in accordance with federal, state and local regulations.

### SARA TITLE III:

Hazard Category For Section 311/312: Not applicable.

Section 313 Toxic Chemicals: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None.

Section 302 Extremely Hazardous Substances (TPQ): None.

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on TSCA inventory.

### **U.S. STATE REGULATIONS**

California Proposition 65: This product does not contain substance that is known to the State of California to cause cancer.

**INTERNATIONAL REGULATIONS:**

Canadian Environmental Protection Act: This product is a medical device and not subject to chemical notification requirements.

Canadian WHMIS Classification: Medical devices are not subject to WHMIS.

European Community Labeling: Not a dangerous preparation.

European Inventory of New and Existing Chemicals Substances (EINECS): This product is a medical device and not subject to chemical notification requirements.

Australian Inventory of Chemical Substances: All of the components in this product are listed on the AICS for Australia.

China Inventory of Existing Chemicals and Chemical Substances: All of the components in this product are listed on the IECSC for China.

Japanese Existing and New Chemical Substances: All of the components in this product are listed on the Japanese ENCS list.

Korean Existing Chemicals List: All of the components in this product are listed on the KECL for Korea.

Philippine Inventory of Chemicals and Chemical Substances: All of the components in this product are listed on the PICCS.

<b>SECTION 16 OTHER INFORMATION</b>
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NFPA Hazard Rating:

Health – 1      Flammability – 1      Reactivity – 0

EU Classes and Risk Phrases for Reference (See Sections 2 and 3): None.

New: 11/15/2009