



## MATERIAL SAFETY DATA SHEET

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

Product Name: Trubyte® Plastic Teeth

Commodity Number: 01109, 01111, 01215, 15116, 15120, 15130, 15135, 15140, 15416, 15436, 15446, 15456, 16036, 16046, 16056, 16066, 16076, 16116, 16126, 16136, 16146, 16156, 16166, 16176, 16346, 16356, 16366, 16476, 16566, 16576, 16616, 16626, 16636, 16646, 16656, 16666, 16676, 16686, 16696, 16716, 16726, 16736, 16746, 16756, 16766, 16916, 16936, 16946, 16966, 16976, 16986, 16996, 19656

MSDS Code Number: 358

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: Plastic Teeth for Dentures

Date of Last Revision: August 15, 2011

### SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview: This product is a non-hazardous polymer solid. Dust generated through grinding or polishing may cause eye or respiratory tract irritation.

EU Preparation Classification (1999/45/EC): Not classified.

### SECTION 3 COMPOSITION INFORMATION ON INGREDIENTS

Ingredient	CAS No./EINECS No.	Percent	EC Substance Classification (67/548/EEC)
Non-hazardous Polymers	Mixture	>99	Not Applicable
Titanium dioxide	13463-67-7 / 236-675-5	<0.2	Not Applicable

See Section 16 for further information on EU Classification.

### SECTION 4 FIRST AID MEASURES

If exposed to dust from polishing or grinding:

Eye Contact: Flush eyes with water.

Skin Contact: Wash skin with soap and water.

Ingestion: No adverse effects expected.

Inhalation: Remove victim to fresh air.

### SECTION 5 FIRE FIGHTING PROCEDURES

Extinguishing Media: These products are not classified as flammable or combustible but will burn under fire conditions. Use media appropriate for surrounding fire.

Firefighting Procedures: Do not enter fire area without proper protection. Fight fire from safe distance or protected location. Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus for all fire involving chemicals.

Unusual Fire/Explosion Hazards: Combustion products are toxic.

Known or Anticipated Hazardous Products of Combustion: Carbon monoxide, carbon dioxide, methyl methacrylate, and irritating smoke and fumes.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Pick up teeth and return to container for use. If dust from grinding or polishing product is spilled, wear appropriate protective clothing as described in Section 8. Contain spills, sweep or gather spilled material in a manner that minimized the generation of air born dusts, and transfer to a suitable container for disposal.

Personal Precautions: Avoid contact with eyes. Avoid breathing dust.

Environmental Precautions: None needed.

## SECTION 7 HANDLING AND STORAGE

Handling: Avoid generating dust. Avoid breathing dust. Wash hands thoroughly after polishing or grinding teeth. Use adequate ventilation for polishing or grinding operations.

Storage: No special storage required.

## SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Limits:

Non-hazardous Polymer	None Established
Titanium Dioxide	15 mg/m <sup>3</sup> TWA OSHA PEL (total dust) 10 mg/m <sup>3</sup> TWA ACGIH TLV 10 mg/m <sup>3</sup> (inhalable) ; 4 mg/m <sup>3</sup> (respirable dust) TWA UK WEL

Engineering Controls: Use ventilation that is adequate to minimize exposure levels.

Personal Protective Equipment:

Eye Protection: Follow facility requirements for operation.

Skin Protection: None required during the normal use of this product.

Respiratory Protection: None needed during normal conditions. If processing generates dust and ventilation is inadequate, an approved particulate respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

Other Protective Clothing or Equipment: None needed during normal conditions.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: White plastic solid.

Boiling Point: Not available

Freezing Point: Not available

Solubility in Water: Not soluble

Vapor Pressure (mmHg): Not available

Evaporation Rate: Not available

% Volatile by Volume: Not applicable

Flammable Limits in Air: LEL: N/A

UEL: N/A

Melting Point: Not available

Specific Gravity: Not available

pH: Not available

Vapor Density: Not available

Viscosity: Not applicable

Flashpoint: Not applicable

Autoignition Temperature: Not applicable

## SECTION 10 STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid (stability): None known.

Incompatibility with Other Materials: Avoid contact with oxidizing agents, reducing agents, acids, bases.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, methyl methacrylate, and irritating smoke and fumes.

Hazardous Polymerization: Will not occur.

## SECTION 11 TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eyes: Dust generated during grinding or polishing may cause eye irritation.

Skin: No adverse effects expected.

Inhalation: No adverse effects expected. Dust may cause irritation if teeth are ground or polished.

Ingestion: No adverse effects expected.

Chronic Health Effects: None expected.

Carcinogenicity: Titanium dioxide is listed by IARC as a group 2B carcinogen (possible human carcinogen). None of the other components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH or the EU directive.

Mutagenicity: No data available.

Medical Conditions Aggravated by Exposure: None known.

Toxicological Data:

Non-hazardous Polymers: No data available.

Titanium Dioxide: No data available.

## SECTION 12 ECOLOGICAL INFORMATION

No data is currently available.

## SECTION 13 DISPOSAL CONSIDERATIONS

The product should be disposed of in accordance with Federal, State and local regulations.

## SECTION 14 TRANSPORT INFORMATION

DOT Shipping Name: Not Regulated

DOT Hazard Class: N/A

UN Number: N/A

DOT Labels Required (49CFR172.101): N/A

IATA Shipping Name: Not Regulated

IATA Hazard Class: N/A

UN Number: N/A

IATA Hazard Labels Required: N/A

IMDG Shipping Name: Not Regulated

IMDG Class: N/A

UN Number: N/A

IMDG Label: N/A

## SECTION 15 REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS:**

CERCLA 103 Reportable Quantity: Not regulated under CERCLA. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**SARA TITLE III:**

**Hazard Category for Section 311/312:** None.

**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:** This product is a medical device and not subject to chemical notification requirements.

**U.S. STATE REGULATIONS**

**California Proposition 65:** This product contains the following substances known to the state of California to cause cancer and/or reproductive toxicity: None.

**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:** None required

**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:** This product is a medical device and not subject to chemical notification requirements.

**China Inventory of Existing Chemicals and Chemical Substances:** This product is a medical device and not subject to chemical notification requirements.

**Japanese Existing and New Chemical Substances:** This product is a medical device and not subject to chemical notification requirements.

**Korean Existing Chemicals List:** This product is a medical device and not subject to chemical notification requirements.

**Philippine Inventory of Chemicals and Chemical Substances:** This product is a medical device and not subject to chemical notification requirements.

<b>SECTION 16 OTHER INFORMATION</b>
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**HMIS Hazard Rating:**

Health – 0      Fire Hazard – 0      Reactivity – 0

\*chronic health affect

Revision Date: 07/19/2010

Supersedes: 02/01/2007

Revision Summary: Added e-mail address. Switched Sections 2 and 3. Updated exposure limits in Section 8. Comprehensive Review.