

# DENTSPLY International

## DENTSPLY PROFESSIONAL

### Safety Data Sheet

Safety Data Sheet (in compliance with Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 453/2010)

Date Issued: 20 August 2008  
Document Number: 130154  
Date Revised: 16 October 2014  
Revision Number: 4

#### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1 Product Identifier:

1.1.1 Trade Name (as labeled): NUPRO® White Gold Tray Sheets

Part/Item Number: 614051

1.1.2 Trade Name (as labeled): Captivate by NUPRO Tray Sheets

Part/Item Number: 614067

##### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Recommended Use: Tray used in teeth whitening.

Restrictions on Use: For Professional Use Only

##### 1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer/Supplier Name: DENTSPLY Professional

Manufacturer/Supplier Address: 1301 Smile Way

York, PA 17404

Manufacturer/Supplier Telephone Number: 800-989-8826 or 717-767-8502 (Product Information)

Email address: [ProfessionalMSDS@dentsply.com](mailto:ProfessionalMSDS@dentsply.com)

##### 1.4 Transportation Emergency Telephone Number:

Contact Telephone Number: 800-424-9300 Chemtrec

#### 2. HAZARDS IDENTIFICATION

##### 2.1 Classification of the Substance or Mixture:

GHS Classification:		
Health	Environmental	Physical
Not Hazardous	Not Hazardous	Not Hazardous

EU Classification: Not a dangerous preparation.

##### 2.2 Label Elements:

Signal Word: None

Contains:

Hazard Phrases	Precautionary Phrases
None Required	None Required

**2.3 Other Hazards:** None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixture:

Hazardous Components	C.A.S. #	EINECS #	Classification	WT %
Non-Hazardous Polymers	Mixture	Mixture	Not Applicable	>98

The exact concentration is being withheld as a trade secret.

Refer to Section 16 for the full text of the GHS and EU Classifications.

### 4. FIRST AID MEASURES

#### 4.1 Description of First Aid Measures:

<b>Eye</b>	Flush victim's eyes with water, while holding the eyelids apart. Get medical attention if irritation persists. If product is hot, flush eyes with large quantities of water, while holding the eyes lids apart. Get immediate medical attention.
<b>Skin</b>	If product is hot, cool skin with large amounts of water. Do not remove material bonded to the skin. Do not apply salves or ointment. Get immediate medical attention.
<b>Inhalation</b>	Remove victim to fresh air. Get medical attention if irritation persists.
<b>Ingestion</b>	Not an anticipated route of entry.

#### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed:

Vapors or fumes from heated material may cause eye and respiratory tract irritation. Contact with hot product may cause thermal burns.

#### 4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:

Immediate medical attention is required when in contact with molten material.

**Note to Physicians (Treatment, Testing, and Monitoring):** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES





**5.1 Extinguishing Media:** Use water fog, foam, carbon dioxide, or dry chemical.

#### 5.2 Special Hazards Arising from the Substance or Mixture:

Solid material may burn at or above the flashpoint. Airborne dust generated from grinding the solid may create high concentrations of dust and present a fire and explosion hazard if ignited. Contact with molten product may cause thermal burns. Decomposition may release oxides of carbon, acetic acid and smoke.

#### 5.3 Advice for Fire-Fighters:

**Fire Fighting Procedures:** Cool exposed intact containers with water spray.

<b>Precautions for Fire Fighters:</b>	Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus.		
<b>Recommended Protective Equipment for Fire Fighters:</b>			
<b>EYES/FACE</b>	<b>HANDS</b>	<b>RESPIRATORY</b>	<b>THERMAL</b>
			

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

If product is hot, avoid contact with eyes, skin, and clothing.

#### Recommended Personal Protective Equipment for Containment and Clean-up:

<b>EYES/FACE</b>	<b>HANDS</b>	<b>RESPIRATORY</b>	<b>SKIN</b>

### 6.2 Environmental Precautions:

Prevent entry into sewers and waterways. Report releases as required by local and national authorities.

### 6.3 Methods and Material for Containment and Cleaning up:

At ambient temperatures, pick up material and place into a container for disposal. If molten, allow material to solidify and cool. Pick up or scrape up and place into a container for disposal.

### 6.4 Reference to Other Sections:

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for Safe Handling:

Avoid contact with molten material. Avoid breathing vapors or fumes from heated material. Wear protective clothing and equipment as described in Section 8. Use only with adequate ventilation.

Empty containers retain product residues and can be hazardous. Follow all SDS precautions when handling empty containers.

### 7.2 Conditions for Safe Storage, Including Any Incompatibilities:

Store in a container in a cool and dry location away from oxidizers and other incompatible materials. Keep container closed to prevent contamination.

**7.3 Specific End Use (s):** For professional use only.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters:

#### Occupational Exposure Limits:

Non-Hazardous Polymers	United States	None Established
	Germany	None Established
	United Kingdom	None Established
	European Union	None Established

**Biological Exposure Limits:** None Established

### 8.2 Exposure Controls:

**Appropriate Engineering Controls:** Use with adequate general or local exhaust ventilation if dust or vapors are generated in use.

#### Individual Protection Measures (PPE):

**Specific Eye/face Protection:** None needed if handling product at ambient temperatures. Wear safety glasses when handling hot material.

**Specific Skin Protection:** None needed if handling product at ambient temperatures. Wear insulated gloves when handling hot material. Consult glove supplier for thickness and breakthrough times.

**Specific Respiratory Protection:** None under normal use conditions. If the product is heated and ventilation is inadequate, wear an approved respirator appropriate for the exposure conditions.

**Specific Thermal Hazards:** Clothing with long sleeves should be worn when working with molten product.

#### Recommended Personal Protective Equipment

EYES/FACE	HANDS	RESPIRATORY	SKIN

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on Basic Physical and Chemical Properties:

<b>Appearance:</b>	Clear to various colored solid	<b>Explosive limits:</b>	<b>LEL:</b> Not determined <b>UEL:</b> Not determined
<b>Odor:</b>	Mild ester-like odor	<b>Vapor pressure (mmHg):</b>	Not applicable
<b>Odor threshold:</b>	Not determined	<b>Vapor density:</b>	Not applicable

<b>pH:</b>	Not applicable	<b>Relative density:</b>	0.91-0.97
<b>Melting/freezing point:</b>	Not determined	<b>Solubility(ies):</b>	Insoluble in water
<b>Initial boiling point and boiling range:</b>	Not available	<b>Partition coefficient: n-octanol/water:</b>	Not applicable
<b>Flash point:</b>	260°C (500°F)	<b>Auto-ignition temperature:</b>	Not determined
<b>Evaporation rate:</b>	Not applicable	<b>Decomposition temperature:</b>	Not determined
<b>Flammability (solid, gas):</b>	Not determined	<b>Viscosity:</b>	Not applicable
<b>Explosive Properties:</b>	High concentrations of dust in air may be explosive.	<b>Oxidizing Properties:</b>	Not an oxidizer

**9.2 Other Information:** None available

## 10. STABILITY AND REACTIVITY

**10.1 Reactivity:** None known.

**10.2 Chemical Stability:** Stable under normal condition.

**10.3 Possibility of Hazardous Reactions:** Material will cause thermal burns if exposed to direct sunlight or high temperatures.

**10.4 Conditions to Avoid:** Avoid extreme temperatures greater than 149°C (>300°F).

**10.5 Incompatible materials:** Avoid oxidizing agents and strong acids.

**10.6 Hazardous Decomposition Products:** Decomposition may release oxides of carbon, acetic acid and smoke.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological Effects:

#### **Potential Health Effects:**

**Eyes:** Dust may cause mechanical irritation. Vapors or fumes may cause eye irritation with redness and tearing. Contact with hot product may cause thermal burns.

**Skin:** Contact with hot product may cause thermal burns.

**Ingestion:** Not an anticipated route of entry. No harmful effects expected.

**Inhalation:** Inhalation of vapors or fumes may cause irritation of the eyes, nose and upper respiratory tract. Symptoms include coughing, sneezing and difficulty in breathing.

**Chronic Health Effects:** None known.

**Irritation:** No data available.

**Corrosivity:** No data available.

<b><u>Sensitization:</u></b> No data available.
<b><u>Carcinogenicity:</u></b> None of the components of this product are listed as carcinogens by OSHA, IARC, NTP, ACGIH or the EU Directive.
<b><u>Mutagenicity:</u></b> No data available.
<b><u>Medical Conditions Aggravated by Exposure:</u></b> None known.
<b><u>Acute Toxicity Data:</u></b> No toxicity data available
<b><u>Reproductive Toxicity Data:</u></b> No data available.
<b><u>Specific Target Organ Toxicity (STOT):</u></b> <u>Single Exposure:</u> No data available.  <u>Repeated Exposure:</u> No data available.

## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity:</b> No ecotoxicity data available
<b>12.2 Persistence and Degradability:</b> No data is currently available
<b>12.3 Bio-accumulative Potential:</b> No data is currently available
<b>12.4 Mobility in Soil:</b> No data is currently available
<b>12.5 Results of PBT and vPvB Assessment:</b> Not applicable.
<b>12.6 Other Adverse Effects:</b> None

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods:

<b>Regulations:</b> Dispose in accordance with all national and local regulations.
<b>Properties (Physical/Chemical) Affecting Disposal:</b> Empty containers retain product residues and can be hazardous. Follow all SDS precautions when handling empty containers.
<b>Waste Treatment Recommendations:</b> Dispose in accordance with national and local regulations.

## 14. TRANSPORT INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
DOT	None	Not Regulated	None	None	Not applicable

<b>ADR/RID</b>	None	Not Regulated	None	None	Not applicable
<b>IMDG</b>	None	Not Regulated	None	None	Not applicable
<b>IATA/ICAO</b>	None	Not Regulated	None	None	Not applicable

**14.6 Special Precautions for User:** Not applicable.

**14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable.

## 15. REGULATORY INFORMATION

### 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

#### U.S. Federal Regulations

**Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):** This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

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

**Clean Water Act (CWA):** This material is not regulated under the Clean Water Act.

**Clean Air Act (CAA):** This material is not regulated under the Clean Air Act.

#### **Superfund Amendments and Reauthorization Act (SARA) Title III Information:**

##### **SARA Section 311/312 (40 CFR 370) Hazard Categories:**

<b>Immediate Hazard:</b>	No	<b>Pressure Hazard:</b>	No
<b>Delayed Hazard:</b>	No	<b>Reactivity Hazard:</b>	No
<b>Fire Hazard:</b>	No		

**This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372):**

Components	C.A.S. #	WT %
None		

#### State Regulations

**California:** This product contains the following substances known to the state of California to cause cancer and/or reproductive toxicity:

Components	C.A.S. #	WT %
None		

#### International Regulations

**Canadian Workplace Hazardous Materials Information System (WHMIS):** Medical devices are not subject to WHMIS.

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

This SDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the SDS

contains all of the information required by the CPR.

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

**EU REACH:** All components requiring registration have been pre-registered.

**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.

**15.2 Chemical Safety Assessment:** None required.

## 16. OTHER INFORMATION

HMIS Hazard Rating:

Health – 0      Flammability – 1      Physical Hazard – 0

Full text of Classification abbreviations used in Section 2 and 3:

None

Supersedes: 21 August 2013

Date Revised: 16 October 2014

Revision Summary: Add Captivate by NUPRO and part number to Section 1.1 Product Identifier

Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for components, IUCLID Dataset EU Chemical Bureau, ESIS, Country websites for occupational exposure limits.