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® Gingival Dam
   Part/Item Number: Used in 614055, not sold separately
   1.1.2 Trade Name (as labeled): Captivate by NUPRO™ Gingival Dam
   Part/Item Number: Used in 614062, not sold separately

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:
   Recommended Use: In-office tooth whitening product
   Restrictions on Use: For Professional Use Only. Do not use on persons hypersensitive to methacrylates or other formula ingredients.

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

1.4 Emergency Telephone Number:
   Transportation Emergency Contact Number: 800-424-9300 Chemtrec

2. HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture:

<table>
<thead>
<tr>
<th>GHS Classification</th>
<th>Health</th>
<th>Environmental</th>
<th>Physical</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not Hazardous</td>
<td>Not Hazardous</td>
<td>Not Hazardous</td>
</tr>
</tbody>
</table>

   EU Classification: Not a dangerous preparation.

2.2 Label Elements:
   Signal Word: None
   Contains:

<table>
<thead>
<tr>
<th>Hazard Phrases</th>
<th>None Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precautionary Phrases</td>
<td>None Required</td>
</tr>
</tbody>
</table>
2.3 Other Hazards: None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixture:

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>C.A.S. #</th>
<th>EINECS #</th>
<th>Classification</th>
<th>WT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blend of multifunctional methacrylates</td>
<td>Proprietary</td>
<td>Proprietary</td>
<td>Not Applicable</td>
<td>90-100</td>
</tr>
</tbody>
</table>

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:

**Eye**: Flush victim's eyes with water, while holding the eyelids apart. Get medical attention if irritation persists.

**Skin**: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation develops. Launder clothing before re-use.

**Inhalation**: Not an expected route of exposure. Remove victim to fresh air.

**Ingestion**: If conscious, wash mouth out with water. Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Get medical attention if you feel unwell.

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

Uncured resin may cause eye irritation. If swallowed, may cause gastrointestinal irritation.

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

Immediate medical attention is not required.

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

### 5. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing Media:

Use chemical foam, carbon dioxide or dry chemical.

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

Decomposition may release oxides of carbon.
5.3 Advice for Fire-Fighters:

<table>
<thead>
<tr>
<th>Fire Fighting Procedures:</th>
<th>Cool exposed intact containers with water spray.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precautions for Fire Fighters:</td>
<td>Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus.</td>
</tr>
</tbody>
</table>

Recommended Protective Equipment for Fire Fighters:

<table>
<thead>
<tr>
<th>EYES/FACE</th>
<th>HANDS</th>
<th>RESPIRATORY</th>
<th>THERMAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Eyes/Face Icon]</td>
<td>![Hands Icon]</td>
<td>![Respiratory Icon]</td>
<td>![Thermal Icon]</td>
</tr>
</tbody>
</table>

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid contact with skin, eyes or clothing.

Recommended Personal Protective Equipment for Containment and Clean-up:

<table>
<thead>
<tr>
<th>EYES/FACE</th>
<th>HANDS</th>
<th>RESPIRATORY</th>
<th>SKIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Eyes/Face Icon]</td>
<td>![Hands Icon]</td>
<td>![Respiratory Icon]</td>
<td>![Skin Icon]</td>
</tr>
</tbody>
</table>

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:

Wipe up with paper towels 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 Handing:

Avoid contact with eyes. Wash thoroughly after handling. Wear protective clothing and equipment as described in Section 8. Do not take internally.

Empty containers retaining product residues 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 dry and well-ventilated area away from oxidizing agents and other incompatible materials. Keep container closed when not in use. Store at 36-80°F (2-27°C). Do not freeze.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Occupational Exposure Limits:

<table>
<thead>
<tr>
<th>Blend of multifunctional methacrylates</th>
<th>United States</th>
<th>Germany</th>
<th>United Kingdom</th>
<th>European Union</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None Established</td>
<td>None Established</td>
<td>None Established</td>
<td>None Established</td>
</tr>
</tbody>
</table>

Biological Exposure Limits: None Established

8.2 Exposure Controls:

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to minimize exposures levels.

Individual Protection Measures (PPE):

Specific Eye/face Protection: None required during the normal use of this product. Follow facility requirements for operation.

Specific Skin Protection: None required during the normal use of this product. Follow facility requirements for operation.

Specific Respiratory Protection: Not required under normal conditions of use. If the exposure limits are excessive, an approved organic vapor 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.

Specific Thermal Hazards: None required.

Recommended Personal Protective Equipment

<table>
<thead>
<tr>
<th>EYES/FACE</th>
<th>HANDS</th>
<th>RESPIRATORY</th>
<th>SKIN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

<table>
<thead>
<tr>
<th>Appearance:</th>
<th>Opaque blue low viscosity resin</th>
<th>Explosive limits:</th>
<th>LEL: Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor:</td>
<td>Characteristic odor</td>
<td>UEL: Not applicable</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure (mmHg):</td>
<td>Not applicable</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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: Polymerization will occur when exposure to visible light, ultraviolet light or extreme heat.

10.4 Conditions to Avoid: Avoid extreme temperatures, visible light, and ultraviolet.

10.5 Incompatible materials: Avoid oxidizing agents and peroxides.

10.6 Hazardous Decomposition Products: Thermal decomposition may release oxides of carbon.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:
Eyes: Contact with uncured product may eye irritation.
Skin: No harmful effects expected.
Ingestion: Swallowing may cause gastrointestinal irritation with nausea, vomiting and diarrhea.
Inhalation: No adverse effects are expected under normal use conditions.

Chronic Health Effects: None known.

Irritation: In an oral irritation study with animals, this product was non-irritating.
Corrosivity: No data available.

Sensitisation: In the Kligman Maximimization Test, this product did not show sensitization.

Carcinogenicity: None of the 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: Individuals with pre-existing skin disorders may be at increased risk from exposure.

Acute Toxicity Data: Product: Oral rat LD50 $>2,000$ mg/kg

Reproductive Toxicity Data: No data available.

Specific Target Organ Toxicity (STOT): Single Exposure: No data available.

Repeated Exposure: No data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity: No ecotoxicity data available

12.2 Persistence and Degradability: No data is currently available

12.3 Bio-accumulative Potential: No data is currently available

12.4 Mobility in Soil: No data is currently available

12.5 Results of PBT and vPvB Assessment: Not applicable.

12.6 Other Adverse Effects: None

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Regulations: Dispose in accordance with all national and local regulations.

Properties (Physical/Chemical) Affecting Disposal: Empty containers retaining product residues can be hazardous. Follow all SDS precautions when handling empty containers.

Waste Treatment Recommendations: Dispose in accordance with national and local regulations.
14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>DOT</th>
<th>UN Number</th>
<th>UN Proper Shipping Name</th>
<th>Hazard Class(s)</th>
<th>Packing Group</th>
<th>Environmental Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>Not Regulated</td>
<td>None</td>
<td>None</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>ADR/RID</td>
<td>None</td>
<td>Not Regulated</td>
<td>None</td>
<td>None</td>
<td>Not applicable</td>
</tr>
<tr>
<td>IMDG</td>
<td>None</td>
<td>Not Regulated</td>
<td>None</td>
<td>None</td>
<td>Not applicable</td>
</tr>
<tr>
<td>IATA/ICAO</td>
<td>None</td>
<td>Not Regulated</td>
<td>None</td>
<td>None</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

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

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:

| Immediate Hazard: | No | Pressure Hazard: | No |
| Delayed Hazard: | No | Reactivity Hazard: | No |
| Fire Hazard: | No |

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

<table>
<thead>
<tr>
<th>Components</th>
<th>C.A.S. #</th>
<th>WT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

State Regulations

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

<table>
<thead>
<tr>
<th>Components</th>
<th>C.A.S. #</th>
<th>WT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**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.

<table>
<thead>
<tr>
<th>16. OTHER INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS Hazard Rating:</td>
</tr>
<tr>
<td>Health – 1</td>
</tr>
<tr>
<td>Flammability – 0</td>
</tr>
<tr>
<td>Physical Hazard – 1</td>
</tr>
</tbody>
</table>

Full text of Classification abbreviations used in Section 2 and 3: None

Supersedes: 06 February 2014
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.