

# DENTSPLY International

## Prosthetics

### Safety Data Sheet

Safety Data Sheet conforms to Regulation (EC) 1907/2006,  
Regulation (EC) 1272/2008 and Regulation (EC) 2015/830,  
US 29CFR1910.1200, Canada Hazardous Products  
Regulation

Date Issued: 6 September 2016  
Document Number: 612  
Date Revised: 27 September 2019  
Revision Number: 1

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

##### 1.1 Product Identifier:

Trade Name (as labeled): Dentsply Sirona Modeling Liquid DU

Part/Item Number: 615126, 650126

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

Recommended Use: Used in the fabrication of dental crowns, bridges, and laminated veneers

Restrictions on Use: For Professional Use Only

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

Manufacturer/Supplier Name: Dentsply Sirona Prosthetics

Manufacturer/Supplier Address: 570 West College Ave.

York, PA 17401

Manufacturer/Supplier Telephone Number: 717-845-7511 (Product Information)

Email address: Prosthetics\_MSDS@Dentsplysirona.com

##### 1.4 Emergency Telephone Number:

Emergency Contact Telephone Number: 800-243-1942

#### 2. HAZARDS IDENTIFICATION

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

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

##### 2.2 Label Elements:

Signal Word: None

Hazard Phrases	Precautionary Phrases
----------------	-----------------------

Not Required	Not Required
--------------	--------------

**2.3 Other Hazards:** None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substance:**

Hazardous Components	C.A.S. #	EINECS # / REACH Registration #	Classification	WT %
Non-hazardous ingredients	Mixture	Mixture	Not Applicable	100

The exact concentration is being withheld as a trade secret.

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

### 4. FIRST AID MEASURES

**4.1 Description of First Aid Measures:**

<b>Eye</b>	Flush eyes with water, while holding the eyelids apart. Get medical attention if irritation occurs or persists.
<b>Skin</b>	No first aid is generally required. Wash skin with soap and water after use.
<b>Inhalation</b>	Remove victim to fresh air. If irritation or other symptoms persist, get medical attention.
<b>Ingestion</b>	Do not induce vomiting unless directed to do so by a medical professional. Get medical attention if symptoms develop.

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

May cause mild eye irritation.

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

No immediate medical attention is required.

### 5. FIRE-FIGHTING MEASURES

**5.1 Extinguishing Media:** Use media appropriate for the surrounding fire.

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

None known.

**5.3 Advice for Fire-Fighters:**

<b>Fire Fighting Procedures/Precautions for Fire Fighters:</b>	No special precautions required. Fight fire from a safe distance or protected location. Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus. Do not enter fire area without proper protection.
--	--

## 6. ACCIDENTAL RELEASE MEASURES

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

Avoid prolonged contact with skin, eyes or clothing. Wear appropriate protective clothing as described in Section 8. Avoid breathing vapors or mists. Ventilate the area.

### 6.2 Environmental Precautions:

Report releases as required by local and national authorities.

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

Contain and collect with absorbent material and place in appropriate, labeled 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 prolonged contact with skin, eyes or clothing. Avoid breathing vapors or mists. Use adequate ventilation. Wash exposed skin after use.

**7.2 Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry, well-ventilated area away from incompatible materials. Protect from physical damage.

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters:

#### Occupational Exposure Limits:

Non-hazardous ingredients	None Established
---------------------------	------------------

**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 should be needed during normal conditions. Splash-proof goggles where contact is possible.

**Specific Skin Protection:** Wear impervious gloves if needed to avoid prolonged skin contact.

**Specific Respiratory Protection:** None should be needed during normal conditions. For operations where the occupational exposure is excessive or irritation is experienced, an approved organic vapor respirator appropriate for the form and concentration of the contaminants should be used. Respirator selection and use should be based on contaminant type, form and concentration. Use in accordance with applicable regulations and good Industrial Hygiene practice.

**Specific Thermal Hazards:** None required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance:</b>	Colorless liquid	<b>Explosive limits:</b>	<b>LEL:</b> Not applicable <b>UEL:</b> Not applicable
<b>Odor:</b>	Not determined	<b>Vapor pressure (mmHg):</b>	Same as water
<b>Odor threshold:</b>	Same as water	<b>Vapor density: (Air = 1)</b>	Same as water
<b>pH:</b>	Same as water	<b>Relative density:</b>	1.0-1.05 gm/cc @ 20°C (68°F)
<b>Melting/freezing point:</b>	0°C (32°F)	<b>Solubility(ies):</b>	Soluble in water
<b>Initial boiling point and boiling range:</b>	100°C (212°F)	<b>Partition coefficient: n-octanol/water:</b>	Same as water
<b>Flash point:</b>	Same as water	<b>Auto-ignition temperature:</b>	Same as water
<b>Evaporation rate: (n-BuAc = 1)</b>	Same as water	<b>Decomposition temperature:</b>	Same as water
<b>Flammability (solid, gas):</b>	Not applicable	<b>Viscosity:</b>	Same as water
<b>Explosive Properties:</b>	Not 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 storage and handling conditions.

**10.3 Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**10.4 Conditions to Avoid:** Avoid extreme temperatures.

**10.5 Incompatible materials:** None known.

**10.6 Hazardous Decomposition Products:** None known.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological Effects:

**Potential Health Effects:**

Eyes: May cause mild eye irritation.

Skin: May cause irritation upon prolonged contact.

Ingestion: Large amounts may cause gastrointestinal irritation.

Inhalation: No adverse expected under normal use.

**Chronic Health Effects:** None known.

**Irritation:** Not an irritant.

**Corrosivity:** Not corrosive

**Sensitization:** Not sensitizing.

**Carcinogenicity:** None of the components are listed as carcinogens by OSHA, IARC, NTP, or the EU CLP.

**Mutagenicity:** Not mutagenic.

**Aspiration Hazard:** Not an aspiration hazard

**Acute Toxicity Data:**

No data available.

**Reproductive Toxicity Data:** Not toxic to reproduction.

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

**Specific Target Organ Toxicity Repeated Exposure (STOT-RE):** No data available.

## 12. ECOLOGICAL INFORMATION

**12.1 Toxicity:**

No data available. This product is not expected to be hazardous to the environment.

**12.2 Persistence and Degradability:** No data available.

**12.3 Bio-accumulative Potential:** No data available.

**12.4 Mobility in Soil:** No data available.

**12.5 Results of PBT and vPvB Assessment:** Not required

**12.6 Other Adverse Effects:** No adverse effects are expected

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste Treatment Methods:

**Waste Treatment Recommendations:** 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
<b>DOT</b>	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:** See OSHA Hazard Classification in Section 2.

**This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372):** None

##### State Regulations

##### **California:**



**WARNING:** This product can expose you to chemicals including nitrilotriacetic acid which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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

## 16. OTHER INFORMATION

**HMIS Hazard Rating:**

Health – 1      Flammability – 1      Physical Hazard– 0

**Full Text of Hazard Statements and Abbreviations used In Section 3:**

None

Supersedes: 12 September 2019

Date Issued: 27 September 2016

Revision Summary: Three year update. Change to Sections 11 & 15.

Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for components, ECHA Registered Substances, C&L Inventory, Country websites for occupational exposure limits.