This SDS packet was issued with item:
070864462

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

070804955 070863886 070863894 070863902 070863910 070863936 070863944 070863951 070863969 070863977
070863985 070863993 070864454 070864470 070864488 070864496 070866467 070866475 070866483 070866491
070866509 070866517 070866525 070866541 070866558 070866566 070866574 070866582
### 1. Identification

**Product Name:** Dentsply Sirona

**Chemical Name:** Dimethacrylate Resin

**CAS Registry Number:** 13760-80-0

**Chemical Structure:**

- 2,6-di-tert-butyl-p-cresol
- Polymeric dimethacrylate resin
- Ethylolated Biophenol A Dimethacrylate

**Hazardous Components:**

- 2,6-di-tert-butyl-p-cresol
- Polymeric dimethacrylate resin

**Physical and Chemical Characteristics:**

- **Boiling Point:** Not applicable
- **Autoignition Temperature:** Not applicable
- **Flash Point:** Not applicable

**Solubility in Water:** Not soluble

### 2. Hazard(s) Identification

**Ear and Eye irritation:**

- Material is irritating to eyes, respiratory system and skin.
- Incompatible with skin, eyes, and mucous membrane irritants.

**Health Effects:**

- Irritant to the respiratory system, eyes, and skin.
- Inhaling the dust may cause respiratory irritation.

**Inhalation Effects:**

- Immediate wash with soap and water and rinse thoroughly.
- If symptoms persist consult physician.

**Ingestion Effects:**

- Immediately call a physician.

**Other:**

- Not applicable

### 3. Composition/Information on Ingredients

**Potential Environmental Effects:**

- Do not allow to enter sewers/surface or ground water.

**Exposure Limits:**

- Not applicable

**EC Stuffing:**

- CHEMTREC: 1-800-424-9389 (24 hours)
- (Outside U.S. +1-703-527-3887) CCN6510

### 4. First Aid Measures

**Eye:**

- Rinse opened eye for several minutes under running water.
- If composite present consult physician.

**Skin:**

- Immediately wash with soap and water and rinse thoroughly.
- If composite present consult physician.

**Inhalation:**

- Simply flush air; consult doctor in case of complaints.

**Ingestion:**

- Immediately wash with soap and water and rinse thoroughly.

**Other:**

- Not applicable

### 5. Fire Fighting Measures

**Flame Propagation or Burning Rate for Solids:** Not applicable

**Potency Contributing to Fire Instability:** Not applicable

**Flammability Classification:** Not applicable

**Protection for Firefighting:**

- Firefighters should wear self-contained, positive-pressure respirators.

**General Fire and Explosion Hazards:**

- Material is flammable.

**Extinguishing Media to Avoid:**

- Water with full jet.

**Other Incompatible Materials:**

- None known

**Autoignition Temperature:** Not applicable

**Extinguishing Media:**

- CO

**Flame Propagation or Burning Rate (for Solids):**

- Not applicable

**Flame Propagation or Burning Rate (for Liquids):**

- Not applicable

**Flame Propagation or Burning Rate (for Gases):**

- Not applicable

### 6. Accidental Release Measures

**Unusual Fire and Explosion Hazards:**

- Formation of toxic, irritating gases is possible from the decomposition of the dimethacrylate resin used in Dental restorative products.

**Potential Environmental Effects:**

- Do not allow to enter sewers/surface or ground water.

**Wash Hands Thoroughly:**

- After handling and any exposure to this material.

**Reporting Requirements:**

- Not applicable

### 7. Handling and Storage

**Handling Practices and Warnings:**

- Do not mix with other chemicals.

**Storage Practices and Warnings:**

- Store only in the original package. Keep package tightly sealed. Store in a dry area.

### 8. Exposure Control / Personal Protection

**Occupational Exposure Limits:**

- Not applicable

**Protective Equipment:**

- **Personal Protective Equipment for Normal Use:**
- **Personal Protective Equipment for Emergencies:**

**Eye:**

- Safety Glasses: Not applicable

**Skin:**

- The glove material has to be impermeable and resistant to the product.

**Inhalation:**

- Not required if room is well ventilated

**Body Protection:**

- Protective work clothing: Not applicable
9. Physical and Chemical Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Various shades of viscous pastes.</td>
</tr>
<tr>
<td>Normal Physical State</td>
<td>Very High Viscosity Liquid (Paste)</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Vapour Pressure (mm Hg)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Specific Gravity in Water, Not soluble</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Acute and Chronic Health Effect(s)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Target Organ(s)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>NFPA Hazard Classification Ratings (Scale 0-4)</td>
<td>Health: 1, Flammability: 0, Reactivity: 0</td>
</tr>
<tr>
<td>Health</td>
<td>0</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Flashpoint Method</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Normal Physical State</td>
<td>Very High Viscosity Liquid (Paste)</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity Data

- **Compatibility (Materials to Avoid):** Moldable, strong oxidizing materials.
- **Incompatibility (Materials to Avoid):** Strong oxidizing materials.

11. Toxicological Information

<table>
<thead>
<tr>
<th>Route of Exposure</th>
<th>Exposure</th>
<th>Signs and Symptoms</th>
<th>Relevant Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Simple</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Skin</td>
<td>Simple</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Eye</td>
<td>Simple</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Simple</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

- **NFPA Hazard Classification:** Health: 1, Flammability: 0, Reactivity: 0
- **Hazardous Polymerization:** No
- **Hazardous Products Produced During Decomposition:** No
- **Inflammability Data:** Not Applicable
- **Flashpoint:** Not Applicable
- **Vapor Pressure:** Not Applicable
- **Evaporation Rate:** Not Applicable
- **Material stability: Stable**
- **Conditions to Avoid:** None known
- **Health Effects:** Irritant
- **Material is irritating to eyes, respiratory system and skin.**
- **Material is an irritant to the skin and mucous membranes.**

12. Ecological Information

- **Toxicity Data:** Environmental Fate, Physical/Chemical Data, or other Data Supporting Environmental Hazard Statement: Water Hazard class I (Self-assessment: slightly hazardous for water. Do not allow unlabelled product or large quantities of it to reach ground water, water streams or sewage system.

13. Disposal Considerations

- **Regulations:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Do not allow product to enter sewers/surface or ground water.

14. Transport Information

- **Regulated for Shipping:** No. Not Regulated
- **DOT Shipping Name:** Not Regulated
- **UN Number:** Not Applicable
- **Packaging Group:** Not Applicable

15. Regulatory Information

- **Product has been classified in accordance with the hazard criteria of the Globally Harmonized System of Classification and Labeling of Chemicals and the SDS contains all of the information required by the Canadian Controlled Products Regulations.**

16. Other Information

The product has been classified in accordance with the hazard criteria of the Globally Harmonized System of Classification and Labeling of Chemicals and the SDS contains all of the information required by the Canadian Controlled Products Regulations. This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Sections 313 & 314: CMR 572: None.

<table>
<thead>
<tr>
<th>Chemical Substances</th>
<th>Toxicological Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Regulated California Proposition 65: This product does not contain any chemicals, which are on the California Proposition 65 list.</td>
<td></td>
</tr>
<tr>
<td>International Regulations and Standards for Environmental Protection: This product is a medical device and not subject to environmental protection.</td>
<td></td>
</tr>
<tr>
<td>European Inventory of New and Existing Chemical Substances (EINECS): Not Applicable.</td>
<td></td>
</tr>
<tr>
<td>Toxicological Properties: Not Applicable.</td>
<td></td>
</tr>
<tr>
<td>Protein: Protein is a medical device and not subject to environmental protection.</td>
<td></td>
</tr>
<tr>
<td>Not Applicable.</td>
<td></td>
</tr>
</tbody>
</table>

- **Use:** Not Applicable.