1. Identification

Product Name
Integrity® Multi-Cure Temporary Crown and Bridge Material

SDS Code Number
566888

Substance Identity
Integrity® Multi-Cure Temporary Crown and Bridge Material

Date of Last Revision
08/22/14

Manufactured for:
DENTSPLY/Caulk
38 West Clarke Avenue
Milford DE 19963-1805

Distributor Address:
DENTSPLY/Caulk
38 West Clarke Avenue
Milford DE 19963-1805

Grades or Minor Variant Identities
Not Applicable

Information Telephone Number
(302) 422-4511 (8:00 AM – 4:30 PM Eastern Time)

Emergency Telephone Number
(302) 422-4511 (8:00 AM – 4:30 PM Eastern Time)

2. Hazard(s) Identification

WARNING
MAY CAUSE AN ALLERGIC SKIN REACTION

Wash hands thoroughly after handling.
Wear protective gloves
IF ON SKIN: Wash with plenty of soap and water.
IF SKIN IRRITATION OCCURS: Get Medical Advice/attention.
Take off contaminated clothing and wash before reuse.

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>C.A.S. Number</th>
<th>Exposure Limits</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylates and methacrylates (bis- and multifunctional)</td>
<td>Proprietary</td>
<td>Not Established</td>
<td>&lt; 60</td>
</tr>
<tr>
<td>Barium boro alumino silicate glass</td>
<td>65997-17-3</td>
<td>Not Established</td>
<td>&lt; 40</td>
</tr>
<tr>
<td>Silicon Dioxide</td>
<td>67762-90-7</td>
<td>2.5 mg/m3</td>
<td>&lt; 5</td>
</tr>
</tbody>
</table>

4. First Aid Measures

<table>
<thead>
<tr>
<th>Routes of Exposure</th>
<th>First Aid Instructions</th>
<th>Immediate Medical Attention</th>
<th>Delayed Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye</td>
<td>In cases of contact with eyes. Rinse immediately with plenty of water and seek medical attention.</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Skin</td>
<td>In case of contact, reddish rashes may be seen on the skin. If contact with skin occurs immediately remove material with cotton and alcohol and wash well thoroughly with soap and water and rinse thoroughly. In case of skin sensitization, discontinue use and seek medical attention.</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Mucosa</td>
<td>If accidental contact occurs, immediately remove material from the tissue. Flush mucosa with plenty of water after the restoration is completed and expectorate/evacuate the water. If inflammation of mucosa persists, seek medical attention.</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

Note: Physicians (Treating, Testing and Monitoring): Treat symptomatically.

5. Fire Fighting Measures

<table>
<thead>
<tr>
<th>Flame Propagation or Burning Rate (for Solids)</th>
<th>Properties Contributing to Fire Intensity</th>
<th>Flammability Classification: Not Applicable</th>
<th>Other: Not Applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
6. Accidental Release Measures

Containment Techniques: Material is a paste and as such will not flow.

Spill/Leak Clean-up Procedures and Equipment: Wear protective clothing and scoop up bulk material and place in a labeled plastic or metal container.

Avoid gross skin contact to minimize the possibility of contact dermatitis to susceptible persons. Ensure adequate ventilation.

Evacuation Procedures: Not Applicable

Special Instructions: Not Applicable

Reporting Requirements: Not Applicable

7. Handling and Storage

Handling Practices and Warnings: Product is intended for dental use only. Handling of this product should be by trained dental healthcare professionals only.

Observe normal care for working with chemicals.

Storage Practices and Warnings: Store only in the original package. Keep package tightly sealed. Store in a dry area. Protect from exposure to direct light. Store away from food and beverages.

8. Exposure Control / Personal Protection

Occupational Exposure Limits: Not Applicable

Engineering Controls: Not Applicable

<table>
<thead>
<tr>
<th>Individual Protection Measures</th>
<th>Personal Protective Equipment for Normal Use</th>
<th>Personal Protective Equipment for Emergencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye/Face</td>
<td>Safety Glasses</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Skin</td>
<td>The glove material has to be impermeable and resistant to the product. NBR (Nitrile Rubber)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not Required</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Body Protection</td>
<td>Protective work clothing</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

9. Physical and Chemical Characteristics

Appearance: Various shades of viscous paste.

Normal Physical State: High Viscosity Liquid (Paste)

Specific Gravity: 1.5 g/cm³

Solubility in Water: Not soluble (10g/L)

pH: approximately 7

Vapor Pressure (mm Hg): Not Applicable

Vapor Density (AIR=1): 1

Evaporation Rate (Butyl Acetate =1): Not Applicable

Flashpoint Method: > 150°C

Autoignition Temperature: > 380°C

Other: Decomposition takes pace

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid): Radical former. Keep away from strong acids, leachates, heavy metal salts and reducing materials.


Hazardous Polymerization: ☐ May Occur ☐ May Not Occur Conditions to Avoid: None known.


11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data:

Product is an irritant to the skin and mucous membranes. The unpolymerized product may be an irritant to the skin in susceptible persons. On the eye the product has an irritating effect. Sensitization: Repeated or prolonged contact with the unpolymerized material may cause sensitization for persons allergic to acrylates and methacrylates. This product shows the following dangers according to internally approved calculation methods for composite materials: Irritant. Acute Toxicity: LD₅₀: Rat 5,000 mg/Kg.

Emergency Overview: Integrity Multi+Care Temporary Crown and Bridge Material contains polymerizable methacrylate monomers which may be irritating to the skin, eyes and oral mucosa and may cause allergic contact dermatitis in susceptible persons. Product may irritate the eyes and skin.

<table>
<thead>
<tr>
<th>Routes of Exposure</th>
<th>Signs and Symptoms</th>
<th>Single, Repeated, or Lifetime Exposure</th>
<th>Severity (Mild, Moderate, Severe)</th>
<th>Acute and Chronic Health Effect(s)</th>
<th>Target Organ(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye</td>
<td>Irritation and possible corneal damage</td>
<td>Single</td>
<td>Moderate</td>
<td>Avoid eye contact to prevent irritation and possible corneal damage</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Skin</td>
<td>Reddish rashes may be seen on the skin.</td>
<td>Single &amp; Repeated</td>
<td>Moderate</td>
<td>Avoid skin contact to prevent irritation and possible allergic response. Reddish rashes may be seen on the skin.</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Material is not harmful if swallowed using clinically relevant quantities</td>
<td>Not Applicable</td>
<td>Mild</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>
Oral Soft Tissues - Mucosa Material can cause irritation. Single Mild Avoid contact with oral soft tissues – mucosa to prevent inflammation. Severe allergic response may result in breathing difficulties. Not Applicable

Medical Conditions Aggravated by Exposure Open sores and wounds of the skin. Individuals with known sensitivity to methacrylates, acrylates, or urethane dimethacrylate resin used in Dental restorative products.

Carcinogenicity NTP?: Not listed IARC monographs?: Not listed OSHA regulated?: No All components of this product are in compliance with the inventory listing Requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Potential Environmental Effects: Do not allow to enter sewers/ surface or ground water.

NFPA Hazard Classification Ratings (Scale 0–4), Health = 1, Fire = 1, Reactivity = 0

12. Ecological Information
Toxicity Data, Environmental Fate, Physical/Chemical Data, or other Data Supporting Environmental Hazard Statements: Water Hazard class1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water streams or sewage system.
Ecotoxicity: Acute Fish Toxicity LC50: >360mg/L/48Hr

13. Disposal Considerations
Regulations: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Dispose of material as solid waste in a closed container. Dispose of in accordance with Federal, State and Local regulations

Properties (Physical/Chemical) Affecting Disposal: Dispose of material as solid waste in a closed container.

14. Transport Information
Regulated for Shipping: No. Not Regulated

Do Changes in Quantities, packaging, or shipment method change product classification? No

DOT Shipping Name: Not Regulated
DOT Hazard Class: Not Applicable
UN Number: Not Applicable

15. Regulatory Information
This 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.

U.S. Federal Regulations: CERCLA 103 Reportable Quantity: 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
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: All of the components of this product are listed on the TSCA inventory.
U.S. State Regulations California Proposition 65: This product does not contain any chemicals, which are on the California Proposition 65 list.

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

European Community Labeling: Not a dangerous preparation.
European Inventory of New and Existing Chemicals Substances (EINECS): This product is a medical device and not subject to chemical notification requirements.

Other: Not Applicable

16. Other Information
To the best of our knowledge this product does not contain gluten, wheat grains, flaxseed, natural rubber, or natural latex.
All components are synthetically produced; none are derived from animal products.
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific products features and shall not establish a legally valid contractual relationship.
The attached safety data sheet covers the dangers and measures to be taken when large quantities of material are released, for example due to accidents during transport or storage by the dealer.
For quantities of material typically used in clinical practice, information necessary for safe use and storage of the product is given in the DFU.