This SDS packet was issued with item:
070863944

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 070863951 070863969 070863977 070863985
070863993 070864454 070864462 070864470 070864488 070864496 07086467 070866467 070866475 070866483 070866491
070866509 070866517 070866525 070866541 070866558 070866566 070866574 070866582
DentsplySirona Safety Data Sheet

1. Identification

Product Name: Light Curing Composite/Dental Filling Material
Full Substance Identity: TPH Spectra® ST
Substance Identity: 78467 Kontanz
Universal Composite Restorative

Manufacturer Address: Dentsply DeTrey GmbH
De-Trey-Str. 1
76467 Konstanz
Germany

Grades or Minor Variant Identities: Not Applicable

2. Hazard(s) Identification

CAUSES SKIN IRRITATION
CAUSES SERIOUS EYE IRRITATION
MAY CAUSE AN ALLERGIC SKIN REACTION
Wash hands thoroughly after handling.

3. Composition/Information on Ingredients

Table: Ingredients
<table>
<thead>
<tr>
<th>Substance Identity</th>
<th>olas and %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urethane modified Bis-GMA dimethacrylate</td>
<td>126644-17-1</td>
</tr>
<tr>
<td>2,6-di-tert-buty1-p-cresol</td>
<td>128-37-0</td>
</tr>
<tr>
<td>Polyvinylmethyl ether dimethacrylate</td>
<td>109-16-0</td>
</tr>
<tr>
<td>Urethane triolurethane</td>
<td>13705-80-0</td>
</tr>
<tr>
<td>Ethylolated Bisphenol A Dimethacrylate</td>
<td>41637-38-1</td>
</tr>
</tbody>
</table>

Other Information: Colorants: inorganic iron oxides and titanium dioxide.

4. First Aid Measures

Route of Exposure | First Aid Instructions | Immediate Medical Attention | Delayed Effects |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye</td>
<td>Rinse opened eye for several minutes under running water.</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td></td>
<td>If symptoms persist consult physician.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin</td>
<td>Immediataely wash with soap and water and rinse thoroughly.</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td></td>
<td>If symptoms persist consult physician.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>Simply flush air; consult doctor in case of complaints.</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td></td>
<td>If symptoms persist consult physician.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ingestion</td>
<td>Do not induce vomiting.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td></td>
<td>If symptoms persist consult physician.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5. Fire Fighting Measures

Flame Propagation or Burning Rate for Solid/Not Applicable
Properties Contributing to Fire Intensity: Not Applicable
Flammability Classification: Not Applicable
Other: Not Applicable

Extinguishing Media Used: Water and CO₂
Extinguishing Media to Avoid: Water with full jet.

6. Accidental Release Measures

Additional Information: Not Applicable
Special Instructions: Not Applicable
Reporting Requirements: Not Applicable

7. Handling and Storage

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

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

Protective Measures: Not Applicable

Personal Protective Equipment for Normal Use
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head</td>
<td>Safety Glasses</td>
</tr>
<tr>
<td>Skin</td>
<td>The glove material to be impermeable and resistant to the product</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not Required if room is well ventilated</td>
</tr>
</tbody>
</table>

Personal Protective Equipment for Emergencies

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head</td>
<td>Not Required</td>
</tr>
<tr>
<td>Skin</td>
<td>Not Required</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not Required</td>
</tr>
<tr>
<td>Body Protection</td>
<td>Not Required</td>
</tr>
</tbody>
</table>

9. Physical and Chemical Properties

Stability: Not Applicable
Hazardous Polymerization: Not Applicable
Hazardous Products Produced During Decomposition: Not Applicable
Other: Not Applicable

10. Other Information

Uniform Technical Information: Material is a paste and may harden if left in place.

Split-Leaf Chip-up Procedures and Equipment: Wear protective clothing and scoop up bulk material and place in a labeled plastic or metal container.

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

Emergency Telephone Number: CHEMTREC: 1-800-424-9350 (24 hours)
(Outside U.S.:+1-703-527-3887) CCN6510
9. Physical and Chemical Characteristics

Appearance: Various shades of viscous paste.

Characteristics: Acrylic esters, high-boiling liquid.

Normal Physical State: Viscous liquid.

Molten Point: Not Applicable.

Vapor Pressure (mm Hg): Not Applicable.

Vapor Density: 1.0 (Air=1).

Water Solubility: Not soluble.

Partition Ratio (Octanol/Water): Not Applicable.

Flammable: None.

Explosive: None.

Flashpoint Method: Not Applicable.

Ignitability: Not Applicable.

Other: Not Applicable.

10. Stability and Reactivity Data

Stability: Stable.

Conditions to Avoid: None known.

Incompatible Materials: Not Applicable.

Hazardous Products Produced During Decomposition: None.

Hazardous Decomposition Products: None.

Hazardous Reactions: None.

Environmental Considerations: None.

11. Toxicological Information

Toxicity Date: Epidemiology: Studies, Carcinogenicity, Neurotoxicity, Acute Toxicity, Reproductive Effects, Other Toxicity 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 composites: irritant.

Emergency Exposure: Material is irritating to eyes, respiratory system and skin.

Routes of Exposure: Inhalation, Ingestion, Skin Contact, Eye/Face Contact.

Inhalation:

Acute and Chronic Health Effects: None.

Targets (Organs): None.

Ingestion:

Acute and Chronic Health Effects: None.

Targets (Organs): None.

Skin:

Acute and Chronic Health Effects: None.

Targets (Organs): None.

Eye/Face:

Acute and Chronic Health Effects: None.

Targets (Organs): None.

Other:

Acute and Chronic Health Effects: None.

Targets (Organs): None.

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 class 1 (Self-assessment: slightly hazardous for water. Do not allow untreated 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 enter sewers/ surface or ground water.

Disposal: Product is not subject to chemical notification requirements. However, many states have more stringent requirements. Regulations: None.

14. Transport Information

Regulated for Shipping: No. Not Regulated.

DOT Shipping Name: Not Regulated.

Packaging Group: 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. The product is a medical device and not subject to chemical notification requirements.

16. Other Information

This is to the best of our knowledge this product does not contain phthalates, phenoxyethanol, surfactants, or natural rubber.