This SDS packet was issued with item: 070863977

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

1. Identification

Product Name: TPH Spectra® ST
STN Number: K/102067

Substance Identity: Universal Composite Restorative

Manufacturer Address:
Dentsply DeTrey GmbH
De-Trey-Str. 1
78467 Konstanz
Germany

Grades or Minor Variant Identities
Not Applicable

Light Curing Composite/Dental Filling Material

Emergency Telephone Number
CH/TREMEC: 1-800-424-9380 (24 hours)
Outside U.S.: +1-703-527-3887 CCN6510

2. Hazard(s) Identification

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

3. Composition/Information on Ingredients.

Hazardous Components

<table>
<thead>
<tr>
<th>CAS. Number</th>
<th>Substance Identity</th>
</tr>
</thead>
<tbody>
<tr>
<td>126644-17-1</td>
<td>Urethane modified Bis-GMA dimethacrylate</td>
</tr>
<tr>
<td>128-37-0</td>
<td>2, 6-di-tert-butyl-p-cresol</td>
</tr>
<tr>
<td>109-16-0</td>
<td>Polyvinylalcohol dimethacrylate</td>
</tr>
<tr>
<td>13705-80-0</td>
<td>Bisphenol A dimethacrylate</td>
</tr>
<tr>
<td>41637-38-1</td>
<td>Ethoxylated Bisphenol A Dimethacrylate</td>
</tr>
</tbody>
</table>

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

4. First Aid Measures

Route of Exposure

<table>
<thead>
<tr>
<th>First Aid Instructions</th>
<th>Immediate Medical Attention</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Skin</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Skin</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

Note: In case of physician treated, inform them about possible sensitization.

5. Fire Fighting Measures

Flame Propagation or Burning Rate
for Solids/Not Applicable

Properties Contributing to Fire Intensity
Not Applicable

Flammability Classification
Not Applicable

Other: Not Applicable

Extinguishing Media
Co2, extinguishing foam, water spray, dry chemical or alcohol resistant foam

Protection and Procedures for Firefighters
Firefighters should wear self-contained respiratory protective devices.

Unusual Fire and Explosion Hazards
Possible to ignite gaseous/liquid reaction from decomposition of the dimethacrylate resins

Product does not present an explosion hazard.

6. Accidental Release Measures

Confined Release Technique
Material is a paste and can block nose and throat.

Spill Kit Checklist of Procedures and Equipment
Wear protective clothing and cover all material and place on a labeled plastic or metal container.

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

7. Handling and Storage

Handling Precautions 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

Protection Attendant: 1.9/150 x 8.2/320 mm (150 x 80 mm folded); Color: Black

Personal Protective Equipment for Normal Use

<table>
<thead>
<tr>
<th>Personal Protective Equipment for Normal Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visor: Safety Glasses</td>
</tr>
<tr>
<td>Skin: The glove material has to be impermeable and resistant to the product.</td>
</tr>
<tr>
<td>Inhalation: Not Required if room is well ventilated.</td>
</tr>
<tr>
<td>Body Protection: Protective work clothing</td>
</tr>
</tbody>
</table>
### 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>Odor</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Not soluble</td>
</tr>
<tr>
<td>Vapour Pressure over Water</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flashpoint</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Other</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

### 10. Stability and Reactivity Data

**Non-Carcinogenicity:** No. Not Regulated for Shipping: No. Not Regulated legally valid contractual relationship.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product feature 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 EU.

### 11. Toxicological Information

**Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data:** Not applicable

This product is not on the California Proposition 65 list. This product does not contain any chemicals, which are on the California Proposition 65 list. This product does not contain any chemicals, which are on the California Proposition 65 list. This product does not contain any chemicals, which are on the California Proposition 65 list. This product does not contain any chemicals, which are on the California Proposition 65 list. This product does not contain any chemicals, which are on the California Proposition 65 list. This product does not contain any chemicals, which are on the California Proposition 65 list.

### 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 unfilled product or large quantities of it to reach ground water, water streams or sewer system.

### 13. Disposal Considerations

Regulations: MUST be disposed of together with household garbage. Do not allow products to reach sewage system.

**Dangerous Polymerization:** No. Not Applicable

**Hazardous Products Produced During Decomposition:** No

**Incompatibility (Materials to Avoid):** Strong oxidizing materials.

**Solubility in Water:** Not soluble

**Autoignition Temperature:** Not applicable

**Primary Environmental Effects:** Do not allow to enter soil or water or to remain in soil.

**NFPA Hazard Classification Ratings:**
- Health: 0
- Flammability: 0
- Reactivity: 0
- Toxicity: 0

### 14. Transport Information

**Regulated for Shipping:** No. Not Regulated
**DOT Shipping Name:** Not regulated
**Packaging Group:** 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.

**Toxic Substances Control Act (TSCA) Status:**
- Not a dangerous preparation.
- Not a hazardous preparation.
- Not a hazardous preparation.
- Not a hazardous preparation.
- Not a hazardous preparation.
- Not a hazardous preparation.
- Not a hazardous preparation.

**Environmental Fate:**
- Water: Not applicable
- Soil: Not applicable
- Air: Not applicable

### 16. Other Information