This SDS packet was issued with item:
070864454

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 070864462 070864470 070864488 070864496 07086467 070864675 0708646483 07086491
070866509 070866517 070866525 070866541 070866558 070866566 070866574 070866582
1. Identification

Product Name: TPH Spectra® ST

SDS Code Number: K102067

Universal Composites Restorative

Date of Last Revision: 5/16/17

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

Distributor Address:
Dentsply LLC
38 West Clarke Avenue
Milford DE 19963-1805 USA

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

Emergency Telephone Number (Outside U.S.):
CHEMTREC: 1-800-424-9380 (24 hours)

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

2. Hazard(s) Identification

Flammable Limits

Not Applicable

Special Instructions: Not Applicable

3. Composition/Information on Ingredients

Handout Components

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Exposure Limits</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urethane modified Bis-GMA dimethacrylate</td>
<td>126646-17-1</td>
<td>Not Established</td>
<td>25 - &lt; 10</td>
</tr>
<tr>
<td>2,6-di-isobutyl-p-cresol</td>
<td>128-37-0</td>
<td>Not Established</td>
<td>0.1 - 2.5</td>
</tr>
<tr>
<td>Polyurethane dimethacrylate resin</td>
<td>109-16-0</td>
<td>Not Established</td>
<td>25 - &lt; 10</td>
</tr>
<tr>
<td>Epoxydized Bisphenol A Dimethacrylate</td>
<td>41637-38-1</td>
<td>Not Established</td>
<td>25 - &lt; 10</td>
</tr>
</tbody>
</table>

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

4. First Aid Measures

Eye Injuries

Rinse opened eye for several minutes under running water.

Inflammability Classification: Not Applicable

Skin

Immediatly wash with soap and water and rinse thoroughly.

Other. Not Applicable

Inhalation

Simply flush air; consult doctor in case of complaints.

Other. Not Applicable

Ingestion

About thoroughly; consult poison control physician.

Other. Not Applicable

Note to Physician: Vomiting, tingling and numbness: treat symptomatically.

5. Fire Fighting Measures

Flammable Limits

Not Applicable

Special Instructions: Not Applicable

6. Accidental Release Measures

Special Instructions: 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

9. Transportation Information

Mode of Transport: Not Applicable

Mode of Transport (Territorial): Not Applicable

10. Other Information

Transposition: 1-813-435-5161 - www.GSMSDS.com

11. Disposal Considerations

Disposal Methods: Not Applicable
9. Physical and Chemical Characteristics

Appearance: Various shades of viscous paste.

Normal Physical State: Very High Viscosity Liquid (Paste).

Vapor Pressure: Not Measurable.

Melting Point: Not Applicable.

Flash Point: Not Applicable.

Vapor Density Relative to Air: Not Applicable.

Acute and Chronic Health Effect(s): None.

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

Environmental Fate: Do not allow to enter sewers or surface or ground water.

Health = 1, Fire = 1

OSHA regulated?: No

ARC monographs?: Not listed

ARC: Not Applicable

Carcinogenicity: NTP: Not listed

IARC: Not listed

MSHA: Not listed

Do not allow undiluted product to reach surface or ground water.

Incompatibility (Materials to Avoid): Strong Oxidizing materials.

8. Exposure Control / Personal Protection

Body Protection

Eye/Face

Skin

Respiratory System

Engineering Controls: None

Occupational Exposure Limits: Not Applicable

Engineering Controls: Not Applicable

Ventilation System: None

Spectacles: None

Respiratory Protection: None

Hearing Conservation: None

10. Stability and Reactivity Data

Compatibility (Materials to Avoid): None.

Hazardous Products Produced During Decomposition: None.

Hazardous Polymerization: None.

Stability: Stable.

Decomposition: None.

11. Toxicological Information

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

Product is not 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 acrylics and methacrylates. This product shows the following dangers affecting internally accepted calculation methods for computerized materials.

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

Carcinogenicity: NTP: Not listed

IARC: Not listed

MSHA: Not listed

[All components of this product are in compliance with the inventory listing Requirements of the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

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

Medical Conditions Aggravated by Exposure: Open sores and wounds of the skin. Individuals with known sensitivity to methacrylates should avoid contact with the unpolymerized material.

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 undiluted product or large quantities of it to reach ground water. water streams or sewage system.

13. Disposal Considerations

Regulated: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal of material as solid waste in a closed container.

Properties (Physical/Chemical): Affecting Disposal: None known.

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.

Canadian Hazard Classification: Not Applicable

U.S. Federal Regulatory: CERCLA Title III

Fire and Explosives: Not Applicable

Flash Point Method: Not Applicable

Flash Point (F.P.): Not Applicable

Solubility in Water: Not soluble

Vapor Density (AIR=1): Not Applicable

Melting Point: Not Applicable

Odor: Characteristic sweet acrylic ester odor.

Evaporation Rate (Butyl Acetate =1): Not Applicable

Melting Point: Not Applicable

9. Physical and Chemical Characteristics

Appearance: Various shades of viscous paste.

Normal Physical State: Very High Viscosity Liquid (Paste).

Vapor Pressure: Not Measurable.

Melting Point: Not Applicable.

Flash Point: Not Applicable.

Vapor Density Relative to Air: Not Applicable.

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

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Health = 1, Fire = 1

OSHA regulated?: No

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ARC: Not Applicable

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Do not allow undiluted product to reach surface or ground water.

Incompatibility (Materials to Avoid): Strong Oxidizing materials.

8. Exposure Control / Personal Protection

Body Protection

Eye/Face

Skin

Respiratory System

Engineering Controls: None

Occupational Exposure Limits: Not Applicable

Engineering Controls: Not Applicable

Ventilation System: None

Spectacles: None

Respiratory Protection: None

Hearing Conservation: None

10. Stability and Reactivity Data

Compatibility (Materials to Avoid): None.

Hazardous Products Produced During Decomposition: None.

Hazardous Polymerization: None.

Stability: Stable.

Decomposition: None.

11. Toxicological Information

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

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Flash Point (F.P.): Not Applicable

Solubility in Water: Not soluble

Vapor Density (AIR=1): Not Applicable

Melting Point: Not Applicable

Odor: Characteristic sweet acrylic ester odor.

Evaporation Rate (Butyl Acetate =1): Not Applicable

Melting Point: Not Applicable

This product is not subject to CERCLA reporting requirements. Many states have more stringent reporting requirements. Report spills required under federal, state and local regulations.

Section 111 Federal Formulations: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III.

Section 131 d(e) CERCLA 202: None

Section 307 Information Substances: None

Section 313 Information Substances: None

TSCA, Toxic Substances Control Act (TSCA) Nickel: All of the components of this product are listed on the TSCA inventory.

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

U.S. State Regulations: California Proposition 65: This product does not contain any chemicals, which are on the California Proposition 65 list.

Environmental Substance Stewardship Program: This product is a medical device and not subject to chemical notification requirements.

California: This product is a medical device and not subject to chemical notification requirements.

European: Not Applicable

Japanese: Not Applicable

New and Existing Chemicals Substance (NECS): This product is a medical device and not subject to chemical notification requirements.

Other: Not Applicable

16. Other Information

In the best of our knowledge, this product does not contain platelet, wheat grains, mustard, mustard, garlic, or nut latex.

All components are synthetically produced are derived from animal products.

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