SAFETY DATA SHEET
Diamond Twist SCL™ & SCO™

1. IDENTIFICATION
   Product Name: Diamond Twist SCL™ & SCO™
   Premier® Dental Products Co.
   1710 Romano Drive
   Plymouth Meeting, PA 19462
   Phone: 610-239-6000 Fax: 610-239-6171
   Emergency Phone: 610-239-6000

   Recommended Use: Polishing paste for dental restorative materials
   Restrictions on Use: No known restrictions.

2. HAZARD(S) IDENTIFICATION
   GHS Classification: Not applicable
   GHS Label: Not applicable
   Other Hazards: Not a hazardous substance

3. COMPOSITION/INFORMATION ON INGREDIENTS
   Ingredient Info: Product contains Monocrystalline synthetic diamond. Components listed below are considered non hazardous and not required to list OSHA PEL & TWA

<table>
<thead>
<tr>
<th>Component Name</th>
<th>Concentration</th>
<th>CAS NUMBER</th>
<th>EINECS NUMBER</th>
<th>Symbol(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene Glycol</td>
<td>60-90</td>
<td>25322-68-3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fumed Silica</td>
<td>&lt;5</td>
<td>112945-52-5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. FIRST-AID MEASURES
   General Information: Emergency treatment not normally necessary.
   Eyes: Remove contacts, flush with saline solution, if irritated seek medical attention
   Skin: Wash with warm soap and water
   Ingestion: Not probable
   Inhalation: Not probable
   Notes to physician: Contains a synthetic diamond abrasive

5. FIRE-FIGHTING MEASURES
   Suitable extinguishing media
   Water fog or fine spray. Dry chemical or carbon dioxide fire extinguishers and general purpose foams.

   Unsuitable extinguishing media
   Do not use direct water stream as it may spread fire.

   Hazardous combustion products
   May include Carbon monoxide, Carbon dioxide.

   Precautions for fire-fighting
   Wear self contained breathing apparatus. Avoid inhalation of fumes

   Personal protective equipment
   Protective fire fighting clothing, if not available fight fire from safe distance.
6. ACCIDENTAL RELEASE MEASURES
   Personal precaution; Equipment; Emergency procedures
   Confine spill use local and or federal regulations in collecting and disposal of material.
   For more info refer to section 8

   Environmental precautions
   Prevent from entering into soil, ditches, sewers and groundwater.

   Methods for cleaning up
   Collect in suitable and properly labeled containers. See section 13 more information.

7. HANDLING AND STORAGE
   Handling
   Wear Safety Goggles, Use Gloves

   Storage
   Store between 60 and 90 degrees F Keep containers sealed until ready to use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
   Control parameters Exposure limits
   Not determined

   Engineering controls
   General ventilation should be sufficient

   PERSONAL PROTECTION
   Eye: Safety glasses with side shields
   Skin: Use chemical resistant gloves
   Respiratory: No applicable exposure limits

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>mild mint</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>PH</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Melting- 106-115F</td>
</tr>
<tr>
<td>Boiling point and or range</td>
<td>&gt; 400F</td>
</tr>
<tr>
<td>Flash point</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Flammability (solid,gas)</td>
<td>No test data available</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor pressure (mmHg)</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor density</td>
<td>&gt; 10</td>
</tr>
<tr>
<td>Relative density</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility (ies)</td>
<td>W/S</td>
</tr>
<tr>
<td>Partition Coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY
    Chemical stability
    Stable @ normal use temperatures

    Possibility of hazardous reactions
    Polymerization will not occur

    Conditions to avoid
    Elevated temperatures
Incompatible materials
Avoid acids, strong bases, strong oxidizers
Hazardous decomposition products
Depends on higher temperatures and presence of other materials

11. TOXICOLOGICAL INFORMATION
Routes of exposure
Skin, eye, ingestion
Eye contact
May cause irritation, contains abrasives
Skin
May cause slight irritation
Ingestion
no relevant data available
Inhalation
no relevant data available
Symptoms
slight irritation
Effects delayed/immediate/chronic
none known
Acute toxicity estimates
none known

12. ECOLOGICAL INFORMATION
Ecotoxicity
No test data available
Persistence and degradability
Polyethylene glycol component is readily biodegradable
Bioaccumulative potential
Not expected
Mobility in soil
Not expected to migrate
Other adverse effects
No other data available

13. DISPOSAL INFORMATION
Waste disposal
Not considered a hazardous waste, dispose in accordance with state and federal regulations

14. TRANSPORT INFORMATION
UN number: Not regulated
UN Proper shipping name: Not regulated
Transport Hazard class(es): Not regulated
Packing group: Not regulated
Marine pollutant: ☐ Yes ☐ No
Special precautions: avoid higher temperatures when possible

15. REGULATORY INFORMATION
Components of this product are not considered hazardous. The components of this product are on the TSCA inventory or are exempt from requirements.
The information contained herein is based on our present knowledge. However, this information shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Premier Dental Products Company makes no warranties, express or implied with respect to, and assumes no responsibility or liability for, the accuracy or completeness of the information contained herein. Premier Dental Products Company urges persons receiving this information to make their own determination as to the information suitability for their particular application.