

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

075099536

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

071198183

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

071198159 071198167 071198175 071198191 071198241 075099544 075806781

# **SAFETY DATA SHEET**

## **Diamond Twist SCL™ & SCO™**

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### **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

Component Name	Concentration %	CAS NUMBER	EINECS NUMBER	Symbol(s)
Polyethylene Glycol	60-90	25322-68-3		
Fumed Silica	<5	112945-52-5		

### **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

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

## 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.

## 16. OTHER INFORMATION

Premier's revision date: 9/23/2014

Revision number: 3

Supplier's date: 07/2014

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This SDS is offered solely for your information, consideration and investigation. This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. Premier Dental Products Company provides no warranties; either expressed or implied, and assumes no responsibility for the accuracy or completeness of data 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.

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091463 Rev3

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## 16. OTHER INFORMATION

Premier's revision date: 11/17/2015

Revision number: 4

Supplier's number: 070114

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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.

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