

# **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: 11/17/2015

Revision number: 4

Supplier's number: 070114

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