

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

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

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