

Safety Data Sheet

PRĒMA[®]

Chemical and Mechanical Abrasion Slurry

1. Identification

Product Name: PRĒMA[®]

Product Description: Chemical and Mechanical Abrasion Slurry

Premier[®] Dental Products Company
1710 Romano Drive
Plymouth Meeting, PA 19462 USA
Phone: 610-239-6000 Fax: 610-239-6171
Emergency Phone: 610-239-6000

Recommended Use: Enamel Microabrasion

Restrictions for Use: Patients with defects deep within the tooth structure such as tetracycline staining or dentinogenesis imperfect.

2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC

Danger symbols: C

R-phrases: S36/39

2.2. Label elements

Classification according to Directive 1999/45/EC

Hazard pictogram(s): C



Corrosive

R&S statement(s): S36/39: Wear suitable protective clothing and eye/face protection.

2.3. Other hazards

Immediate concerns: Causes burns.

3. Composition / information on ingredients

3.1. Substances

Not Applicable

3.2. Mixtures

				Classification according to Directive 67/548/EEC
Chemical Name	CAS #	EINECS No.	Wt. %	
Hydrochloric Acid	7647-01-0	231-595-7	< 10	C; R36/37/38
Silicon Carbide	409-21-2	206-991-8	< 45	Xi; R37

For full text of H-statements and R-phrases: see SECTION 16.

4. First aid measures

4.1. Description of first aid measures

Following eyes: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

Following skin: Remove contaminated clothing. Wash with soap and water. Get medical attention.

Following ingestion: If swallowed, DO NOT INDUCE VOMITTING - SEEK MEDICAL ADVICE.

Following inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Eyes: Causes severe eye burns.

Skin: Causes skin burns.

Ingestion: Can burn mouth, throat, and stomach.

Inhalation: Vapors will cause burns and irritation to mucous membranes in mouth, throat and respiratory system. Maybe harmful if inhaled.

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician: Not Applicable

5. Fire fighting measures

5.1. Extinguishing media

Extinguishing media: Please see Fire Fighting Equipment under Section 5.3.

5.2. Special hazards arising from the substance or mixture

Explosion hazards: Not Determined

Fire explosion: Not Determined

Sensitive to static discharge: Not Determined

Sensitivity to impact: Not Determined

5.3. Advice for firefighters

Fire fighting procedures: General: Evacuate all personnel; use protective equipment for fire- fighting. Use self-contained breathing apparatus when the product is involved in fire.

Fire fighting equipment: Foam, dry chemical, carbon dioxide (CO2).

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General procedures: Refer to Section 8 for Personal Protective Equipment.

6.2. Environmental precautions

Water spill: Do not allow to enter sewers or drains that may lead to waterways.

6.3. Methods and material for containment and cleaning up

Small spill: Pick up wash liquid with additional absorbent and place in a disposable container.

Large spill: Collect in tightly closed containers.

6.4. Reference to other sections

Reference to other sections: Not Applicable

7. Handling and storage

7.1. Precautions for safe handling

Handling: Use suitable protective equipment.

Storage: Room Temperature

7.2. Conditions for safe storage, including any incompatibilities

Shelf life: See product labeling

7.3. Specific end use(s)

Specific end use(s): Professional Dental Use Only

8. Exposure controls/personal protection

8.1. Control parameters

Control parameters: Not Determined

8.2. Exposure controls

Eye/face protection: Wear eye protection

Skin protection: S36/37: Wear suitable protective clothing and gloves.

Respiratory protection: S51: Use only in well-ventilated areas.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Gel

Colour: Purple

Odour: Acidic, DO NOT SMELL

9.2. Other information

Percent volatile: Not Determined

10. Stability and reactivity

10.1. Reactivity

Stable: Yes

10.2. Chemical stability

Chemical stability: Stable when stored and handled under recommended conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization: No

10.4. Conditions to avoid

Conditions to avoid: None known.

10.5. Incompatible materials

Incompatible materials: Oxidizing agents, organic materials, alkalis, water

10.6. Hazardous decomposition products

Hazardous decomposition products: Hydrogen Chloride Gas

11. Toxicological information

11.1. Information on toxicological effects

Acute

Dermal LD50: Not Determined

Oral LD50: Not Determined

Inhalation LC50: Not Determined

12. Ecological information

12.1. Toxicity

Aquatic toxicity (acute): Do not allow to enter sewers or drains that may lead to waterways.

96-hour LC50: Not Determined

48-hour EC50: Not Determined

96-hour EC50: Not Determined

12.2. Persistence and degradability

Persistence and degradability: Not Determined

12.3. Bioaccumulative potential

Bioaccumulative potential: Not Determined

12.4. Mobility in soil

Mobility in soil: Not Determined

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment: Not Determined

12.6. Other adverse effects

Environmental data: Not defined

13. Disposal considerations

13.1. Waste treatment methods

Disposal method: Dispose of in compliance with governmental regulation. (EC 1975L0442-20/11/2003)

14. Transport information

14.1. UN number

UN number: 3264

14.2. UN proper shipping name

UN proper shipping name: Corrosive liquid, Acidic, Inorganic n.o.s. (Hydrochloric acid mixture)

14.3. Transport hazard class(es)

Primary hazard class/division: 8

Hazard classification: 8

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Marine pollutant #1: N/A

14.6. Special precautions for user

ADR - road: N/A

RID - rail: N/A

IMDG - sea: N/A

IATA - air: N/A

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk: N/A

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

RoHS: Please refer to Medical Devices Directive 93/42/EEC

15.2. Chemical safety assessment

Chemical safety assessment: Not Determined

16. Other information

Premier's revision date: 08-20-2014

Revision Number: 3

Relevant R-phrases and/or H- statements (number and full text): R36/37/38: Irritating to eyes, respiratory system and skin. R37: Irritating to respiratory system.

Supplier's date: 2-24-2014

Legal disclaimer

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.
