

Material Safety Data Sheet

PRĒMA®

Chemical and Mechanical Abrasion Slurry

MSDS, Rev. 3

Last revised: 16-November-2011

Approved for Use: 14-December-2006

1. Chemical product and company identification

Product Name: PRĒMA®
Product Description: Chemical and mechanical abrasion slurry

Company Name: Premier Dental Products Company
1710 Romano Drive
Plymouth Meeting, PA 19462 USA
Tel: 610-239-6000
Fax: 610-239-6171
Emergency Tel: 610-239-6000

2. Composition / Information on Ingredients

Hazardous Ingredients:

Chemical Name:	CAS	EINECS	Classification
Hydrochloric Acid	007647-01-0	231-595-7	C; R36/37/38

3. Hazards Identification

Hazard Designation: "C" Corrosive

Potential Health Effects:

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.

4. First Aid Measures

Emergency and First Aid Procedures

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.

Skin:	Remove contaminated clothing. Wash with soap and water. Get medical attention.
Ingestion:	If swallowed, DO NOT INDUCE VOMITING – SEEK MEDICAL ADVICE.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. Fire Fighting Measures

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:	N/A = Not Applicable
Hazardous Decomposition Products:	Hydrogen chloride gas

6. Accidental Release Measures

Small Spill:	Pick up wash liquid with additional absorbent and place in a disposable container.
Large Spill:	Collect in tightly closed containers.

7. Handling and Storage

Handling:	Use suitable protective equipment.
Storage:	Store in a tightly closed container.

8. Exposure Controls/Personal Protection

Personal Protective Equipment

Eyes and Face:	Wear eye protection
Skin:	S36/37: Wear suitable protective clothing and gloves
Respiratory:	S51: Use only in well-ventilated areas.

9. Physical and Chemical Properties

Odor:	Acidic, DO NOT SMELL
Appearance:	Gel
Color:	Purple

10. Stability and Reactivity

Stable: Yes
Hazardous Polymerization: No
Incompatible Materials: Oxidizing agents,
organic materials,
alkalis, water

11. Toxicological Information

Acute

Oral LD₅₀: 900 mg/Kg (rabbit)
Inhalation LC₅₀: 1300 ppm/30M (human)

12. Ecological Information

Environmental Data: Not available

13. Disposal Considerations

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

14. Transport Information

Road and Rail (ADR/RID)

Proper Shipping Name: Corrosive liquid,
Acidic, Inorganic n.o.s.
(Hydrochloric acid
mixture)
Hazard Class: 8
Packing Group: II

AIR (ICAO/IATA)

Shipping Name: Corrosive liquid, Acidic, Inorganic
n.o.s. (Hydrochloric acid mixture)
UN/NA Number: 3264
Primary Hazard Class/Division: 8
Packing Group: II

Vessel (IMO/IMDG)

Shipping Name: Corrosive liquid, Acidic, Inorganic
n.o.s. (Hydrochloric acid mixture)
UN/NA Number: 3264
Primary Hazard Class/Division: 8
Packing Group: II
Limited Quantity: 1 L

15. REGULATORY INFORMATION

European Community EEC Label Symbol and Classification



“C” – Corrosive

S36/39: Wear suitable protective clothing and eye/face protection.

16. OTHER INFORMATION

Relevant R-Phrases: R36/37/38: Irritating to eyes, respiratory system and skin.

Legal Disclaimer:

FOR DENTAL USE ONLY: Use as directed.

The information is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, or the results to be obtained from use thereof. In no event will the manufacturer or distributor be responsible for damages of any nature whatsoever resulting from the use of, or reliance upon this information. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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