

# Material Safety Data Sheet

**PRĒMA®**

## **Chemical and Mechanical Abrasion Slurry**

MSDS, Rev. 2

Last revised: 27-August-2007

Approved for Use: 14-December-2006

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### **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 LD<sub>50</sub>:** 900 mg/Kg (rabbit)  
**Inhalation LC<sub>50</sub>:** 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.

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