

Material Safety Data Sheet

PERFECTION WHITE™

In-Office 35% Hydrogen Peroxide Kit

MSDS, Rev. 2

Last revised: 08-October-2008

Approved for Use: 15-February-2005

1. Chemical product and company identification

Product Name: **PERFECTION WHITE™**
In-Office 35% Hydrogen Peroxide Kit

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. Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity Common Names(s))

Chemical Name:	OSHA PEL:	ACCGIH TLV	% (optional)
Hydrogen Peroxide	1ppm	1ppm (8 hr TWA)	35%

3. Physical/Chemical Characteristics

Boiling Point: 108°C (226°F)

Specific Gravity (H₂O = 1): 1.13 @ 25°C

Vapor Pressure (mm Hg.): 17.4mm Hg @ 25°C

Melting Point: -33°C

Vapor Density (Air = 1): N/A

Evaporation Rate (Butyl Acetate = 1): Above 1

Solubility in Water: 100%

Appearance and Odor: Clear liquid

4. Fire and Explosion Hazard Data

Flash Point (Method Used): N/A

Flammable Limits: N/A

Extinguishing Media: N/A

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: None

5. Reactivity Data

Stability

Stable:	Yes
Conditions to Avoid:	Heat or contamination will cause instability with potentially dangerous liberation of oxygen gas.
Incompatibility (Materials to Avoid):	Alkalis, heavy metals, combustibles, organics, oxidizing and reducing agents
Hazardous Decomposition or Byproducts:	Burning can produce oxygen which may intensify fire.
Hazardous Polymerization:	Will not occur

6. Health Hazard Data

Route(s) of Entry:	Inhalation: Not expected Skin Ingestion Eyes
Health Hazards (Acute and Chronic):	ACUTE: Skin – May cause skin irritation, with discomfort or rash. INGESTION: May cause irritation to gastrointestinal tract with pain and distension of the stomach and esophagus due to liberation of oxygen. EYES: Will cause irritation. May result in eye corrosion with corneal or conjunctival ulceration with possible irreversible eye damage, including blindness. CHRONIC: No information found.

Emergency and First Aid Procedures: INGESTION: Drink plenty of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.
SKIN and EYES: Immediately flush for 15 minutes with large amounts of water. Get medical attention.

7. Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:

For the small amounts used in dentistry, cleanup with wet rag is usually sufficient.

Waste Disposal Method:

Dispose of in accordance with all applicable federal, state and local regulations. Dilute with large amounts of water.

Other precautions:

Wear safety goggles with side shields, impervious gloves and protective clothing. Store in a cool, dark place.

8. Control Measures

Respiratory Protection (Specify Type):

N/A

Ventilation – Local Exhaust:

Normal Air Conditioning

Mechanical (General):

N/A

Protective Gloves:

Gloves required

Eye Protection:

Protective plastic goggles required

Other Protective Clothing or equipment:

None

Work/Hygienic Practices:

General precautions

Legal Disclaimer:

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from the handling or from contact with the above product.

110929 Rev2