

Material Safety Data Sheet
may be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)

Identify (As used on Label and List)

Product Name: Prime-Dent® Zinc Oxide Eugenol (ZOE) Cement

SECTION I

Prime Dental Manufacturing, Inc.
4555 West Addison Street
Chicago, IL 60641

Phone (773) 283-2914
Fax (773) 283-3085
Revised: July 28, 2010

SECTION II - Hazardous Ingredients/Identify Information

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY: COMMON NAME (S)):

Zinc Oxide	35-45%	CAS 1314-13-2
Magnesium Oxide	45-50%	CAS 1309-48-4
Silica	10-15%	CAS 99439-28-8
Acetic Acid	Less than 2%	CAS 64-19-7

TLV: Not Available

SECTION III - Physical/Chemical Characteristics

APPEARANCE: White Powder and Bronze liquid.

ODOR: Faint Resin Odor.

MELTING POINT: N/A

SOLUBILITY: Negligible

VAPOR DENSITY: N/A

SPECIFIC GRAVITY: N/A

BOILING POINT: N/A

SECTION IV - Fire and Explosion Hazard Data

FLASH POINT: N/A

AUTOIGNITION TEMPERATURE: N/A

EXTINGUISHING MEDIA: Foam, carbon dioxide or dry material.

SPECIAL INFORMATION: None

SECTION V - Reactivity Data

STABILITY: Stable

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and Dioxide, low molecular weight Hydrocarbons and organic acids.

HAZARDOUS POLYMERIZATION: May Occur

INCOMPATIBILITIES: Strong acid, Peroxides and other oxidizing agents.

CONDITIONS TO AVOID: High Temperature, prolonged storage above 35°C, direct sunlight, and high intensity light.

SECTION VI - Health Hazard Information

CARCINOGENICITY: None Known

SIGNS OR SYMPTOMS OF EXPOSURE: Irritation, Dyspepsia, Nausea, and Vertigo.

FIRST AID MEASURES:

Inhalation -	If overexposure occurs and symptoms appear, consult a physician.
Ingestion -	If substantial quantities are involved, or in case of noticeable discomfort, drink large quantities of water and consult physician immediately.
Skin Contact -	Flush with water; consult physician in case of lasting noticeable skin response.
Eye Contact -	Flush immediately with copious amounts of water, consult a physician if irritation or disturbance in vision occur.

SECTION VII - Precautions for Safe Handling and Use

HANDLING PRECAUTIONS: Keep materials capped all the time after use.

SAFE STORAGE CONDITIONS: Avoid storage at storage at elevated temperatures.

OTHER RESTRICTIONS OR RECOMMENDATIONS: In case of material spill or release, absorb with inert materials such as dry sand and place in closed container for disposal as solid waste. If large quantities are involved, check State and Local regulations.

SECTION VIII - Control measures

VENTILATION SYSTEM: Not required

SKIN AND EYE PROTECTION: Not required if handled with caution.

Storage: Store at room temperature.

Info herein is given in good faith as authoritative and valid. However, no warranty, expressed or implied, can be made and we assume no liability resulting from its use.