

MICRO PRIME MATERIAL SAFETY DATA SHEET**SECTION VII - HANDLING AND STORAGE**

Spill Management: Use absorbent to collect the material. Wash contaminated surfaces with soap and water

SECTION VIII - EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory: None required Eye Protection: Safety goggles
Glove: Rubber/PVC gloves Other Clothing & Equipment: None
Ventilation: None required

SECTION IX -PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure mm HG: NA
Evaporation Rate (Ether = 1): NA
Solubility in Water: Soluble
Appearance: Clear Liquid

SECTION X - STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Prolonged Extreme Heat.
Incompatibility: (Materials to avoid) Contact with iron.
Hazardous Decomposition Products: None.
Hazardous Polymerization: None
Conditions to Avoid: Extreme heat and free radical initiators

SECTION XI - TOXICOLOGICAL INFORMATION

Acute Toxicity: ID oral rat. 2,000 mg/kg
Ames Test: Negative Acrylates can cause sensitization reactions.

SECTION XII - ECOLOGICAL INFORMATION

Waste may be considered as inert material.

SECTION XIII - DISPOSABLE CONSIDERATIONS

Dispose of safely in accordance with local, state, and federal regulations.

SECTION XIV - TRANSPORT INFORMATION

Stable under normal conditions of use, transportation, and storage.

SECTION XV - REGULATORY INFORMATION

510k #K953504

SECTION XVI: OTHER INFORMATION

WARNING! MicroPrime G and other gluteraldehyde based desensitizers will burn soft tissues. Keep off soft tissues. Avoid contact with eyes, skin, and mucous membranes. If accidental contact occurs, **FLUSH IMMEDIATELY WITH WATER. CONSULT PHYSICIAN IMMEDIATELY IF EYE CONTACT OCCURS.**
The data and information given in this msds are accurate on the date of preparation. It does not indicate any warranty or representation. We disclaim all liability relating to use of this material since this is beyond our control.



3420 Fostoria Way Suite A-200 San Ramon, California 94583 USA
Phone 925/973-0710 800/827-7940 Fax 925/973-0764

93328 Rev B

DANVILLE DESENSITIZING AGENT

MicroPrime™ G

**INSTRUCTIONS**

MicroPrime™ is a superior desensitizing agent, to be placed under dental cements or other restorative materials – temporary, provisional or final. MicroPrime can be used for desensitization of amalgam restorations, either conventional or bonded. MicroPrime helps kill bacteria, alter nerve responses and aids bonding primers in penetrating etched dentin.

GENERAL INFORMATION

MicroPrime G contains glutaraldehyde and HEMA.

WITH GLASS IONOMER AND ZINC PHOSPHATE CEMENTS

MicroPrime is very effective when applied to vital crown preparations prior to luting with these cements. It may also be used at the “prep” appointment to desensitize during temporization. When MicroPrime is used properly in conjunction with these cements, complete desensitization will result in nearly all preparations.

WITH RESIN ADHESIVES

Most dentin bonding materials such as All Bond 2, Tenure, Optibond, Scotchbond MP, Photo Bond, etc. will benefit from MicroPrime application. The application of MicroPrime reliably reduces post-op sensitivity by supporting the collagen framework for easier penetration of the adhesive, thus enhancing the dentin bond.

WITH AMALGAMS

MicroPrime can be used to eliminate post-op sensitivity under standard amalgam restorations.

MICRO PRIME INSTRUCTIONS**NON-BONDED RESTORATIONS**

1. Clean tooth prep area.
2. Dry with air (dryness is not critical).
3. Apply MicroPrime to dried tooth using brush or cotton pellet. Avoid soft tissue.
4. Wait 30 seconds, then dry with air.
5. Place restorative material such as amalgam, castings, etc. (Zinc phosphate and glass ionomer cements work well with MicroPrime.)

BONDED APPLICATIONS

1. Clean tooth prep area.
2. Etch with 10 - 40% phosphoric acid for 15 to 30 seconds.
3. Rinse.
4. Dry with air (dryness is not critical).
5. Apply MicroPrime, using brush or cotton pellet. Avoid soft tissue.
6. Wait 30 seconds, then dry or leave moist, per manufacturer's instructions for the bonding agent.
- 7a. Direct restorations: Apply composite bonding agent and composite per manufacturer's instructions.
- 7b. Indirect restorations or sealing preparation: Apply composite bonding agent and luting resin per manufacturer's instructions.

WARNING! MicroPrime G and other gluteraldehyde based desensitizers will burn soft tissues. Keep off soft tissues. Avoid contact with eyes, skin, and mucous membranes. If accidental contact occurs, **FLUSH IMMEDIATLY WITH WATER. CONSULT PHYSICIAN IMMEDIATLY IF EYE CONTACT OCCURS.** Keep away from children.

STORAGE AND SHELF LIFE

Expiration date is placed on each MicroPrime bottle. MicroPrime has a three year shelf life when kept below 25°C/77°F.

MICRO PRIME MATERIAL SAFETY DATA SHEET**MATERIAL SAFETY DATA SHEET****SECTION I - PRODUCT IDENTIFICATION** **MSDS NO. ROOS**

Company: Danville Materials
3420 Fostoria VWay Ste. A-200
San Ramon, CA 94583
Phone: (800) 827-7940
Fax: (925) 973-0764
Prepared: September 1, 2010

SECTION II - HAZARD(S) IDENTIFICATION

OSHA Permissible Exposure Limits: None
Other Exposure Limit Used: None
ACGIH Threshold Exposure Limit: None
Chronic, Other: None
Acute Overexposure: Irritation to eyes and skin. May cause chemical burn.
Medical Conditions Generally Aggravated by Exposure: None Known
Hygienic Practices: None
Primary Route(s) of Exposure: Skin, eye, ingestion.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

Material	% WGT	OSHA PEL	ACGIH TLV
Glutaraldehyde	1-5%	0.2 ppmv	0.2 ppmv
Hydroxyethyl Methacrylate	25-45	NA	NA
Sodium Fluoride	10 ppm	NA	N/A
Water	Balance		

(ND = Not Determined NA = Not Applicable NL = Not Listed)

SECTION IV - FIRST AID MEASURES

Skin: Wash off affected area with soap and water.
Ingestion: Seek immediate medical advice, carry container with label.
Eyes: Rinse immediately with plenty of water and seek medical advice.

SECTION V - FIRE FIGHTING MEASURES

Flash Point: >+ 104°C
Extinguishing Media: Carbon Dioxide, Foam, Dry Chemical
Special Fire Fighting Procedures: None
Flammable Limits: NA
Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Prolonged Extreme Heat.
Incompatibility: (Materials to avoid) Contact with iron.
Hazardous Decomposition Products: None.
Hazardous Polymerization: None
Conditions to Avoid: Extreme heat and free radical initiators.

SECTION VI - ACCIDENTAL RELEASE MEASURES

None