SAFETY DATA SHEET

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! Desensitizer and other glutaraldehyde 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 SDS 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.

DESENSITIZING AGENT

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

GENERAL INFORMATION
Desensitizer contains glutaraldehyde and HEMA.

WITH GLASS IONOMER AND ZINC PHOSPHATE CEMENTS
Desensitizer 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 Desensitizer 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 Desensitizer application. The application of Desensitizer reliably reduces post-op sensitivity by supporting the collagen framework for easier penetration of the adhesive, thus enhancing the dentin bond.

WITH AMALGAMS
Desensitizer can be used to eliminate post-op sensitivity under standard amalgam restorations.

NON-BONDED RESTORATIONS
1. Clean tooth prep area.
2. Dry with air (dryness is not critical).
3. Apply Desensitizer to dried tooth using brush or cotton pellet. Avoid soft tissue.
SAFETY DATA SHEET

INSTRUCTIONS
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 Desensitizer.)

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 Desensitizer, 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! Desensitizer and other glutaraldehyde 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. 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.

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION
Company:
Phone:
Fax:
Prepared:

SECTION II - HAZARD(S) IDENTIFICATION
OSHA Permissible Exposure Limits: None
Other Exposure Limit Used: None
ACGIH Threshold Exposure Limit: None
Chronic, Other: None

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Material</th>
<th>% WGT</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glutaraldehyde</td>
<td>1-5%</td>
<td>0.2 ppmv</td>
<td>0.2 ppmv</td>
</tr>
<tr>
<td>Hydroxyethyl Methacrylate</td>
<td>25-45</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Water</td>
<td>Balance</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(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

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