

# MATERIAL SAFETY DATA SHEET

Updated 01/17/2008

## SECTION I: Product/Company Information

**Identity:** DiaSheen™ Diamond Polishing Compound  
**Distributor:** AXIS Dental Corporation  
**Address:** 800 W. Sandy Lake Road, Suite 100  
Coppell, TX 75019  
**Telephone:** (800) 355-5063

**Manufacturer:** VH Technologies  
**Address:** 14150 NE 20th #225  
Bellevue, WA 98007  
**Telephone:** (888) 628-8300

**Chemical Family:** Oxyalkylene Polymer  
**Formula:** Proprietary

## SECTION II: Hazardous Ingredients

**Principal Hazardous Components:** None

## SECTION III: Chemical Characteristics

**Boiling point:** > 200° C  
**Freezing point:** 55° C  
**Vapor Pressure (mm Hg):** Nil  
**Specific Gravity (H<sub>2</sub>O = 1):** 1.075  
**Vapor Density (Air=1):** >1  
**Solubility in Water:** 50% by wt. @ 20° C  
**Appearance & Odor:** Opaque gray compound; mild peppermint odor.  
Color may vary.

## SECTION IV: Fire and Explosion Hazard Data

**Flashpoint:** >350° F (>176.6° C)  
**Flammable Limits in Air (% by volume)**  
**Test Method:** (Pensky-Martens Closed Cup ASTM D 93)  
Upper: Not Determined  
Lower: Not Determined

**Extinguishing Media:** Apply Alcohol-type or all purpose type foam by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires.

**Special Fire Fighting Procedures:** Do not direct a solid stream of water or foam into hot, burning pools; this may cause frothing and increase fire intensity. Use self-contained breathing apparatus and protective clothing.

**Unusual Fire & Explosion Hazards:** Avoid dispersion of dust in air to reduce potential for dust ignition/explosions.

## SECTION V: Reactivity Data

**Stability:** Stable  
**Hazardous Polymerization:** Will not occur  
**Conditions Contributing to Material Degradation:** None known

**Incompatibility - Avoid contact with:**  
Normally non reactive; however, avoid strong bases at high temperatures, strong acids, strong oxidizing agents and materials reactive with hydroxyl compounds.

**Hazardous Decomposition Products (thermal and others):** CO and unidentified organic compounds may be formed during combustion.

**Conditions to Avoid:** None known.

## SECTION VI: Health Hazard Data

### Signs, Symptoms and Effects of Overexposure:

**Skin:** No evidence of harmful effects from available information.  
**Oral:** No evidence of harmful effects from available information.  
**Inhalation:** Short-term harmful health effects are not expected from vapor generated at ambient temperature.  
**Eyes:** Causes irritation, experienced as stinging and discomfort or pain. Corneal injury may occur.

### Signs, symptoms and effects of chronic exposure:

Although this material is not a skin irritant, submersion of unprotected skin in highly concentrated solutions of this material for prolonged periods of time could result in skin dehydration.

### Listed as a carcinogen or potential carcinogen by:

**National Toxicology Program:** No  
**IARC Monographs:** No  
**OSHA:** No

**Medical Conditions Aggravated by Exposure:** None Known.

### Emergency First Aid:

**Ingestion:** No emergency care anticipated.  
**Skin Contact:** Wash skin with soap and water.  
**Eye Contact:** Immediately flush eyes with water and continue for several minutes. Seek medical assistance.  
**Inhalation:** Remove to fresh air.

## SECTION VII: Special Protection Information

**Respiratory Protection:** Dust respirator, if dusting conditions exist.

**Ventilation:** Local exhaust or laboratory hood.

**Eye Protection:** Safety Glasses

**Hand Protection:** PVC-coated

**Other Protective Clothing or Equipment:** Eye wash and safety shower.

## SECTION VIII: Special Precautions

### Special Storage and Handling Precautions:

**WARNING! CAUSES EYE IRRITATION.**  
Avoid contact with eyes. Wash thoroughly after handling.  
Avoid prolonged exposure to heat and air.  
DO NOT INCINERATE.