

Material Safety Data Sheet

THE INFORMATION PROVIDED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE. YOU ARE ADVISED TO CONTACT **VHTECHNOLOGIES** TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO YOUR CIRCUMSTANCES

Section I - General Information

Product Name: DiaShine Diamond Polishing Compound
Chemical Family: Oxyalkylene Polymer
Formula: Proprietary
Manufacturer's Name: VH Technologies Ltd.
Manufacturer's Address: 14150 NE 20th #225
Bellevue, WA 98007
Emergency Telephone: (425) 643-9966

Section II - Hazardous Ingredients

Principal Hazardous Components: None

Section III - Physical Properties

Boiling Point: > 200° C **Freezing Point:** 55° C
Vapor Pressure (mm Hg): Nil **Specific Gravity (H₂O = 1):** 1.075
Vapor Density (Air=1): >1 **Evaporation Rate (H₂O = 1):** Nil
Solubility in Water: 50% by wt. @ 20° C
Appearance & Odor: Opaque gray compound; mild peppermint odor. Colour 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.