

## Section 1: Identification

<b>Product Name:</b>	DiaShine Diamond Polishing Compound
<b>Chemical Family:</b>	Oxyalkylene Polymer
<b>Formula:</b>	Proprietary
<b>Manufacturer's Name:</b>	VH Technologies Ltd.
<b>Manufacturer's Address:</b>	2100 196 <sup>th</sup> St SW #116 - Lynnwood, WA 98036
<b>Emergency Telephone:</b>	425. 361. 2990
<b>Recommended Use:</b>	Polishing of ceramics, resins, metals, jewelry, acrylics

## Section 2: Hazard(s) Identification

**Principal Hazardous Components:** None

## Section 3: Composition/Information on Ingredients

<b>Substances:</b> Oxyalkylene Polymer	<b>CAS No:</b> 9082-00-2
Diamond Powder	<b>CAS No:</b> 7782-40-3

**Hazardous Components:** This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200

The specific chemical identity and exact percentage of the composition has been withheld due to proprietary information.

## Section 4: First-Aid Measures

**Eye Contact:** In case of contact, flush eyes with plenty of lukewarm water. Get medical attention if irritation develops.

**Skin Contact:** In case of skin contact, wash affected areas with soap and water. No evidence of harmful effects from available information.

**Inhalation:** If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical attention if irritation develops. Short-term harmful health effects are not expected from vapor generated at ambient temperature.

**Ingestion:** If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

### Section 5: Fire-Fighting Measures

**Suitable Extinguishing Media:** Carbon Dioxide (CO<sub>2</sub>), dry chemical, foam, water spray for large fires.

**Special Fire Fighting Procedures:** Firefighters should be equipped with self-contained breathing apparatus to protect against potentially irritating fumes. Irritating fumes may be given off during burning or thermal decomposition. Use cold water spray to cool fire-exposed containers to minimise risk of rupture.

### Section 6: Accidental Release Measures

**Spill and Leak Procedures:** Wash spill or leak area with soap and water.

### Section 7: Handling and Storage

**Maximum Storage Temperature:** 49°C or 120°F

### Section 8: Exposure Controls/Personal Protection

**Special Storage and Handling Precautions:**

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

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

**Eye Protection:** Safety Glasses

**Hand Protection:** PVC-coated gloves

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

## Section 9: Physical and Chemical Properties

**Appearance:** Opaque gray compound, colour may vary.

**Upper/Lower Flammability or Explosive limits:** Not Established

**Odor:** Mild peppermint odor

**Vapor Pressure:** Nil

**Odor Threshold:** Not Established

**Vapor Density:** >1

**pH:** Not Established

**Melting Point/Freezing Point:** 95°C / 50°C

**Solubility:** In water – 50% by weight @ 20°C

**Initial boiling point and boiling range:** Not Established

**Flash Point:** >176°C

**Evaporation Rate:** Nil

**Flammable Limits in Air (% by volume):** Test Method: Pensky-Martens Closed Cup ASTM D93

**Upper Limit:** Not Established

**Lower Limit:** Not Established

**Solubility:** Completely soluble in water

**Auto-Ignition Temperature:** N/A

**Decomposition Temperature:** N/A

**Viscosity:** Dynamic 750-980 mPa.s @ 25°C

## Section 10: Stability and Reactivity

**Reactivity:** Hazardous polymerisation does not occur.

**Stability:** Stable

**Avoid oxidizing agents**

## Section 11: Toxicological Information

**No information available**

## Section 12: Ecological Information

**No information available**

### **Section 13: Disposal Considerations**

Waste Disposal should be in accordance with existing federal, state and local environmental control laws

### **Section 14: Transport Information**

Non Regulated

### **Section 15: Regulatory Information\* (non-mandatory)**

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### **Section 16: Other Information**

- **Revision Date 1 January 2018**