



The SDS format adheres to the standards and regulatory requirements of the United States and may not meet regulatory requirements in other countries.

**Bioclear Matrix Systems
Safety Data Sheet – Magic Mix**

Section 1: Identification

Product Name: Bioclear Magic Mix Pre-Polish

Chemical Family: Oxyalkylene Polymer

Formula: Proprietary

Manufacturer's Name: VH Technologies Ltd.

Manufacturer's Address: 2100 196th St SW #116 - Lynnwood, WA 98036

Emergency Telephone: 425. 361. 2990

Recommended Use: Pre Polishing of composite restorations

Section 2: Hazard(s) Identification

Principal Hazardous Components: None

Section 3: Composition/Information on Ingredients

Substances:

Oxyalkylene Polymer CAS No: 9082-00-2

Pumice CAS No: 1332-09-8

Organic Peppermint Oil (Botanical Name Mentha Arvensis) Steam Distilled

Green Food Coloring (Water, Propylene Glycol, FD&C Yellow 5 and Blue 1,

Propylparaben (Preservative))

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.



BIOCLEAR

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 (CO₂), 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

Minimum Storage Temperature: -8°C or 17°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: Dark green mixture with abrasive qualities.

Upper/Lower Flammability or Explosive limits: Not Established

Odor: Mild

Vapor Pressure: < 0.01 hPa at 20 °C (68 °F) ASTM E1719

Odor Threshold: Not Established

Vapor Density: 10 Calculated

pH: 4.5 – 7.0 ASTM E70





Melting Point/Freezing Point: Not applicable / -15 - -8 °C

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

Initial boiling point and boiling range: > 200 °C

Flash Point: Closed cup 218 °C

Evaporation Rate: No data available

Flammable Limits in Air (% by volume): N/A

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: No data available

Stability: Stable

Avoid oxidizing agents, exposure to elevated temperatures. Generation of gas during decomposition can cause pressure in closed systems.

Avoid contact with strong acids, strong bases and strong oxidizers.

Hazardous Decomposition Products: Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to: Aldehydes. Alcohols. Ethers. Carbon dioxide. Carboxylic acids. Polymer fragments.

Section 11: Toxicological Information

Acute oral toxicity: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

LD50, Rat, > 10,000 mg/kg

Acute dermal toxicity: Prolonged skin contact is unlikely to result in absorption of harmful amounts. Prolonged/repeated exposure to damaged skin (as in burn patients) may result in absorption of toxic amounts.

LD50, Rabbit, > 20,000 mg/kg

Acute inhalation toxicity: At room temperature, exposure to vapor is minimal due to low volatility; single exposure is not likely to be hazardous. For respiratory irritation and narcotic effects: No relevant data found.

Typical for this family of materials.

LC50, Rat, 6 Hour, Aerosol, > 2.5 mg/l No deaths occurred at this concentration.





Skin corrosion/irritation: Prolonged contact may cause slight skin irritation with local redness.

Serious eye damage/eye irritation: May cause slight temporary eye irritation.

Corneal injury is unlikely.

Sensitization: Did not cause allergic skin reactions when tested in humans.

For respiratory sensitization: No relevant data found.

Specific Target Organ Systemic Toxicity (Single Exposure): Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Carcinogenicity: Similar material(s) did not cause cancer in laboratory animals.

Teratogenicity: For similar material(s): Did not cause birth defects in laboratory animals.

Reproductive toxicity: For similar material(s): In animal studies, did not interfere with reproduction.

Mutagenicity: In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.

Aspiration Hazard: Based on physical properties, not likely to be an aspiration hazard.

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)

None

Section 16: Other Information

None

End of MSDS

Revised June 7, 2022

