

Section 1: Identification

Product Name:	BH 100, 101, 104, 105, 106 Silicone Polishing Wheels & Points
Chemical Family:	Silicone, Silicon Dioxide, Aluminum Oxide
Formula:	Proprietary
Manufacturer's Name:	VH Technologies Ltd. dba DiaShine
Manufacturer's Address:	2100 196th Street SW, Suite 116, Lynnwood, WA 98036
Emergency Telephone:	425-361-2990

Section 2: Hazard(s) Identification

Principal Hazardous Components: Silicon Dioxide

Section 3: Composition/Information on Ingredients

Chemical Name	Common Name	CAS #	OSHA PEL	ACGIH TLV
Fused aluminum oxide	Brown/White Corundum	1344-28-1	15 mg/m ³	10 mg/m ³
	Pumice		15 mg/m ³	10 mg/m ³
Silicon carbide	Carborundum	409-21-2	15 mg/m ³	10 mg/m ³
Iron oxide		1309-37-1	15 mg/m ³	10 mg/m ³
Sulfur		7704-34-9	15 mg/m ³	10 mg/m ³
Titanium dioxide	Titania	13463-67-7	15 mg/m ³	10 mg/m ³
Zinc oxide		1314-13-2	5 mg/m ³	5 mg/m ³
Zirconium silicate	Zircon		5 mg/m ³	5 mg/m ³

Section 4: First-Aid Measures

Ingestion:	Seek medical assistance.
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. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen. Seek medical assistance.

Section 5: Fire-Fighting Measures

Flashpoint:	NAIF
Flammable Limits in Air (% by volume):	N/A
Test Method:	Upper: N/A Lower: N/A
Extinguishing Media:	CO ₂ /Dry Chemical/Alcohol Foam. May use water to fight fire.
Special Fire-Fighting Procedures:	None
Unusual Fire & Explosion Hazards:	None

Section 6: Accidental Release Measures

Spill or Leak Procedures:	Normal clean-up procedure.
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Section 7: Handling and Storage

Special Storage and Handling Precautions:	Normal storage and handling.
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Section 8: Exposure Controls/Personal Protection

Respiratory Protection:	Use only NIOSH/MESA approved equipment. For approved dust respirators, see OSHA 29 CFR 1910.134.
Ventilation:	Local exhaust or laboratory hood.
Eye Protection:	Safety glasses.
Hand Protection:	N/A
Other Protective Clothing or Equipment:	See OSHA 29 CFR 1910.215.

Section 9: Physical and Chemical Properties

Boiling Point:	NAIF
Freezing Point:	NK
Vapor Pressure (mm Hg):	N/A
Specific Gravity (H ₂ O=1):	2.0–4.0
Vapor Density (Air=1):	N/A
Evaporation Rate (H ₂ O=1):	N/A
Solubility in Water:	None

Section 9: Physical and Chemical Properties

Appearance & Odour: Solid. May produce odour in use.

Section 10: Stability and Reactivity

Stability:	Stable
Hazardous Polymerization:	Will not occur.
Conditions Contributing to Material Degradation:	N/A
Incompatibility (Avoid Contact With):	N/A
Hazardous Decomposition Products (thermal and others):	Dust is generated in use. In most cases, material removed from the work will be significantly greater than from the grinding wheel components.
Conditions to Avoid:	None known.

Section 11: Toxicological Information

Signs, Symptoms and Effects of Overexposure:

Skin:	Some may experience skin irritation from dust.
Ingestion:	No known adverse effects, but not recommended.
Inhalation:	Acute coughing, shortness of breath. May affect breathing capacity.
Eyes:	Dust may irritate eyes.

Section 12: Ecological Information* (non-mandatory)

Section 13: Disposal Considerations* (non-mandatory)

Section 14: Transport Information* (non-mandatory)

Section 15: Regulatory Information* (non-mandatory)

Section 16: Other Information

Revision Date:	24 September 2026
Supersedes:	SDS dated 1 January 2018