

# SAFETY DATA SHEET

## Section 1: Identification

**Product Name:** BH 100, 101, 104, 105, 106 Silicone Polishing Wheels & Points

**Chemical Family:** Silicone, Silicone Dioxide, Aluminum Oxide

**Formula:** Proprietary

**Manufacturer's Name:** Pacific Abrasives, Inc.

**Manufacturer's Address:** 16824 198<sup>th</sup> Ave. NE Woodinville, WA 98072

**Emergency Telephone:** 425.361.2990

## Section 2: Hazard(s) Identification

**Principal Hazardous Components:** Silicone Dioxide

## Section 3: Composition/Information on Ingredients

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGH TLV</u>
Fused aluminum oxide	Brown/White	1344-28-1	15mg/m3	10mg/m3
	Corundum Pumice	//	//	//
Silicon Carbide	Carborundum	409-21-2	15mg/m3	10
Iron oxide		1309-37-1	15=	10
Sulfur		7704-34-9	15=	10
Titanium dioxide	Titania	13463-67-7	15=	10
Zinc oxide		1314-13-2	5	5
Zirconium silicate	Zircon		=	=

## Section 4: First-Aid Measures

**Emergency First Aid:**

**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:** CO2/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

### Section 7: Handling and Storage

**Special Storage and Handling Precautions:** Normal Storage and Handling

### Section 8: Exposure Controls/Personal Protection

**Respiratory Protection:** (Use only NIOSH/MESA approved equipment). For approved dust respirators, see OSHA 29CFR1910.134

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

**Eye Protection:** Safety Glasses

**Hand Protection:** N/A

**Other Protective Clothing or Equipment:** See OSHA 29CFR1910.215

### Section 9: Physical and Chemical Properties

**Boiling Point:** NAIF

**Freezing Point:** NK

**Vapor Pressure (mm Hg):** N/A

**Specific Gravity (H20=1):** 2.0-4.0

**Vapor Density (Air=1):** N/A

**Evaporation Rate (H20=1):** N/A

**Solubility in Water:** None

**Appearance & Odour:** Solid- May produce odour in use

### Section 10: Stability and Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions Contributing to Materials 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:** 1 January 2018