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Lapmaster  
International



## **MATERIAL SAFETY DATA SHEET**

Date: March 2010

### **Section #1: PRODUCT AND COMPANY IDENTIFICATION**

Lapmaster International, LLC  
501 W. Algonquin Road  
Mt. Prospect, IL 60056

Telephone: (224) 659-7101 (Office Hours 8:00 a.m. to 5:30 p.m. CST)  
24-Hour Emergency Number: Chemtrec – 1-800-424-9300

Product Identification: Boron Carbide Abrasive Powder  
Product Name: Boron Carbide Powder #LAP5-0002-0XX-3XX0

### **Section #2: COMPOSITION INFORMATION ON INGREDIENTS**

Ingredient Information: Boron Carbide Abrasive Powder

Component Name	Percentage %	CAS Number	OSHA PEL	ACGIH TWA
B4C	98% +	12069-32-8	10mg/m3	N/A

### **Section #3: HAZARDS INFORMATION**

EMERGENCY OVERVIEW: Product spill may cause slipping hazard

POTENTIAL HEALTH EFFECTS:

**EYE:** May cause irritation  
**SKIN:** May cause irritation (not absorbed thru skin)  
**INGESTION:** No known adverse effects  
**INHALATION:** Can cause coughing/irritation if inhaled

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Can aggravate existing dermatitis

**HEALTH HAZARDS (ACUTE AND CHRONIC):**

No Data Available

**SIGNS AND SYMPTOMS OF EXPOSURE:**

No Data Available

**CHRONIC / CARCINOGENICITY:**

N/A

NTP: Not Listed  
OSHA: Not Listed  
IARC: Not Listed

**Section #4: FIRST AID MEASURES**

**EYES:** Remove Contacts – Irrigate eyes with lots of water – Seek Medical Attention  
**SKIN:** Wash with Soap and water for 15 minutes – If irritated, Seek Medical Attention  
**INGESTION:** Not Probable – If large amount swallowed – Seek Medical Attention  
**INHALATION:** Remove to fresh air if irritated/coughing. If applicable, remove victim to fresh air or apply artificial respiration

**Section #5: FIRE FIGHTING MEASURES**

**FIRE FIGHTING:**  
**EXTINGUISHING MEDIA:** NAIF  
**HAZARDOUS COMBUSTION PRODUCTS:** None  
**CONDITIONS OF FLAMMABILITY:** N/A  
**EXPLOSION DATA:**  
IMPACT SENSITIVITY: N/A  
STATIC DISCHARGE: N/A

**Section #6: ACCIDENTAL RELEASE MEASURES**

**GENERAL:** Confine spill, use local and/or federal regulations in the collecting and disposal of material.

**Section #7: HANDLING AND STORAGE**

**HANDLING:** Wear Safety Goggles, Use Protective Gloves & Respiration Equipment  
**STORAGE:** Keep containers sealed until ready for use.

**Section #8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** N/A

**PERSONAL PROTECTION:**

**EYE/FACE:** Wear Safety Goggles  
**SKIN:** Use Oil-Resistant Gloves  
**RESPIRATORY:** As Needed, Approved Dust Respirator

**Section #9: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Gray-Black Powder  
ODOR AND APPEARANCE: Gray-Black Granular Powder, No Odor  
BOILING POINT: 3500 Degrees Centigrade  
MELTING POINT: 2450 Degrees Centigrade  
PH: N/A  
VAPOR PRESSURE (mmHg): N/A  
SPECIFIC GRAVITY: 2.5  
WATER SOLUBILITY: No  
% VOLATILES: N/A  
EVAPORATION RATE: N/A  
COEFFICIENT WATER/OIL: N/A

**Section #10: STABILITY AND REACTIVITY**

STABILITY: Stable  
STABILITY CONDITIONS TO AVOID: Inert  
REACTIVITY: Inert  
REACTIVITY CONDITIONS TO AVOID: Inert

**Section #11: TOXICOLOGICAL INFORMATION**

ACUTE HEALTH HAZARDS:  
ACUTE ORAL: N/A  
COMPONENTS: N/A

**Section #12: ECOLOGICAL INFORMATION**

GENERAL: No expected significant ecological problems

**Section #13: DISPOSAL INFORMATION**

WASTE DISPOSAL: Comply with State and/or Federal regulations  
RCRA HAZARDOUS WASTE: Not RCRA hazardous waste

**Section #14: TRANSPORTATION INFORMATION**

DOT HAZARD CLASS: Not Regulated  
PROPER SHIPPING NAME: Not Regulated  
IDENTIFICATION NUMBER: Not Regulated  
TDGA: Not Listed

**Section #15: REGULATORY INFORMATION**

TSCA STATUS: N/A  
WHMIS CLASSIFICATION: N/A

**Section #16: OTHER INFORMATION**

**HMIS Rating Information:**

Health: 1

Flammability: 1

Personal Hazard: 0

**NFPA Codes:**

Health: 1

Flammability: 0

Personal Hazard: 0

The information contained in this Material Safety Data Sheet (MSDS) document is believed to be accurate and reliable. Because it is impossible to anticipate all conditions of use, some additional safety precautions may be required. *LAPMASTER INTERNATIONAL, LLC, MAKES NO REPRESENTATION OR WARRANTY, EITHER EXPRESS OR IMPLIED, AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.* Each user should read and understand the information provided and incorporate it into their individual site safety programs as required by applicable hazard communication standards and regulations.

**ABBREVIATIONS:**

<b>ACGIG</b>	<b>American Conference of Governmental Industrial Hygienists</b>
<b>CAS</b>	<b>Chemical Abstracts Service</b>
<b>EPA</b>	<b>Environmental Protection Agency</b>
<b>PEL</b>	<b>Permissible Exposure Limit</b>
<b>PPE</b>	<b>Personal Protective Equipment</b>
<b>EPRCA 313</b>	<b>Emergency Planning &amp; Community Right-to-Know Act, Section 313</b>
<b>WHIMIS</b>	<b>Canadian Workplace Hazardous Material Information System</b>
<b>OSHA</b>	<b>Occupational Health and Safety Administration</b>