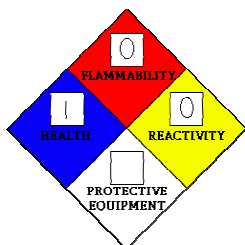




**ELECTRO ABRASIVES CORPORATION**

701 Willet Road  
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**NFPA**



**HMIS**

**MATERIAL SAFETY DATA SHEET**

Rev 05/12/08

To the purchaser: This MSDS contains important environmental safety and health information for your employees who will be using this product. Please be sure this information is given to them. If you resell this product, a copy of the MSDS should be given to the buyer.

MANUFACTURERS NAME: **Electro Abrasives Corp**      PHONE NO: **716-822-2500**  
 ADDRESS: **701 Willet Road Buffalo New York 14218**

**SECTION I**

TRADE NAME: **Electrobor**      DOT CLASS ID NUMBER: **N/A**  
 CHEMICAL & COMMON NAME(S): **Boron Carbide**      FORMULA: **B4C**

**SECTION II**

OSHA POTENTIAL HAZARDOUS INGREDIENTS		%	<u>EXPOSURE LIMITS</u>		
COMPONENT	CAS #	(optional)	ACGIH-TLV	OSHA PEL	OTHER
<b>B4C</b>	<b>12069-32-8</b>		<b>99.5</b>	<b>Not established</b>	

### SECTION III. PHYSICAL DATA

BOILING POINT (deg F)	N/A	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	2.52 g/cc
VAPOR PRESSURE (mm Hg)	N/A	ACIDITY (ph)	
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE	N/A
SOLUBILITY IN WATER	Insoluble	MELTING POINT	N/A
<b>APPEARANCE &amp; ODOR : Black powder or solid, odorless. % VOLATILE BY</b>			
<b>VOLUME: N/A</b>			
<b>HOW BEST MONITORED : Air Sample</b>			

### SECTION IV. FIRE & EXPLOSION HAZARD DATA

FLASH POINT	N/A	FLAMMABLE LIMITS :	LEL: N/A DEL: N/A
EXTINGUISHING MEDIA:	<b>Not flammable</b>		
SPECIAL FIRE FIGHTING PROCEDURES:	<b>None required</b>		
UNUSUAL FIRE & EXPLOSION HAZARDS:	<b>Dust may present a fire or explosion hazard under rare conditions including fine particle size dispersion. Do not allow fine dust to accumulate. Grits 600 (average grain size approx 9 microns and finer can ignite and smoldering fire can spread.</b>		

### SECTION V. REACTIVITY DATA

STABILITY:	N/A
CONDITIONS TO AVOID:	N/A
INCOMPATIBILITY (Materials to Avoid):	N/A
HAZARDOUS DECOMPOSITION PRODUCTS:	<b>NONE</b>
HAZARDOUS POLYMERIZATION:	<b>WILL NOT OCCUR</b>

### SECTION VI. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:	<b>Material can be inhaled, swallowed or come in contact with skin or eyes.</b>
LISTED AS CARCINOGEN:	<b>NO</b>
<b>SYMPTOMS AND EFFECTS OF OVEREXPOSURE: (Non Toxic )</b> Dust inhalation may cause mild irritation of the nose and throat. Skin and eye contact may cause irritation due to abrasive action of the dust. Current scientific evidence indicates no adverse effects are likely from accidental ingestion of a small amount of material.	
<b>EMERGENCY AND FIRST AID PROCEDURES:</b>	
INHALATION: Dust may cause respiratory tract irritation, If prolonged. This product is non toxic. Seek fresh air.	
SKIN CONTACT: If irritation occurs, flush with copious amounts of water.	
INGESTION: Rinse mouth with water.	
CARCINOGENIC ASSESSMENT: NTP ANNUAL REPORT, IARC MONOGRAPHS, ETC: This material has not been identified as a known or suspected carcinogenic by NIP, IARC, or OSHA.	

## SECTION VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

**Uncontaminated material may be scooped up for use.  
If Contaminated scoop or vacuum into a receptacle for disposal.**

WASTE DISPOSAL METHOD:

**Use a sanitary landfill in accordance with local, State, and Federal regulations.**

## SECTION VIII. RECOMMENDED CONTROL MEASURES

RESPIRATORY PROTECTION: **U.S. Bureau of Mines approved for dusts and pneumoconiosis.**

VENTILATION: LOCAL EXHAUST: **Normal dust collector.**

MECHANICAL (General) : **N/A**

SPECIAL: **N/A**

PROTECTIVE GLOVES: **N/A.** EYE PROTECTION: **Goggles**

OTHER PROTECTIVE EQUIPMENT: **N/A**

SPECIAL PROTECTIVE MEASURES FOR REPAIR AND MAINTENANCE OF  
CONTAMINATED EQUIPMENT: **N/A**

## SECTION IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING (Including appropriate hygienic practices)

**Use with commonly accepted industrial safety procedures. Avoid ingestion, inhalation of dust, exposure to eyes or prolonged contact with skin.**

Judgments as to the suitability of information herein or to the purchaser's purposes are necessarily the purchaser's responsibility. Reasonable care has been taken in the preparation of this information, but **ELECTRO ABRASIVES CORP. EXTENDS NO WARRANTIES, MAKES NO REPRESENTATIONS, AND ASSUMES NO RESPONSIBILITY AS TO THE ACCURACY OR SUITABILITY OF THIS INFORMATION FOR ANY PURCHASER'S OR FOR ANY CONSEQUENCE OF ITS USE.**