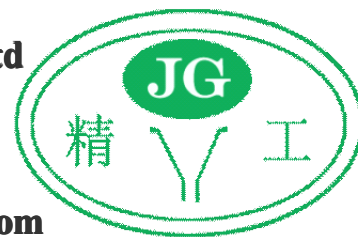


**Mudanjiang Jinggong Abrasive Boron Carbide Co., Ltd**

**Tel: 13845375138 Tel: 0086-0453-6824336**

**Fax: 0086-0453-6558468 E-mail: mdjjinggong@163.com**



**Add : 18#NanxiaoXiangyangRoad, Mudanjiang City, Heilongjiang  
province, China Post Code:157009**

## **MATERIAL.SAFETY DATA SHEET**

**WE , Mudanjiang Jinggong Abrasive Boron Carbide Co., Ltd , HEREBY CONFIRM TUAT TUE  
POLLOWING SUBSTANCES ARE NOT CONTAINED IN THE BORON CARBIDE NAMED  
JINGGONG.**

### **Section 1- PRODUCT IDENTIFICATION**

<b>Name</b>	<b>Boron Carbide</b>
<b>Chemical Name</b>	<b>Boron Carbide (B4C)</b>
<b>B4</b>	<b>Boron Carbide Powders</b>

### **Section 2-PHYSICAL,&CHEMICAL,CHARACTERISTICS**

<b>Form</b>	<b>Solid</b>	<b>Hardness:knoop</b>	<b>2800</b>
<b>Color</b>	<b>Black</b>	<b>Hardness: Mohs</b>	<b>9.6</b>
<b>Appearance</b>	<b>Powder</b>	<b>Vapour pressure</b>	<b>Not volatile</b>
<b>Odor</b>	<b>None</b>	<b>Vapour Density</b>	<b>Not volatile</b>
<b>Molecular Weight</b>	<b>Not applicable</b>	<b>% Volatile by Volume</b>	<b>0%</b>
<b>Melting Point</b>	<b>4262°F (2350 °C P)</b>	<b>Evaporation Rate</b>	<b>Not applicable</b>
<b>Boiling Point</b>	<b>Not applicable</b>	<b>Viscosity . sus</b>	<b>Not applicable</b>
<b>Oxidation Temperature</b>	<b>932°(500C)</b>	<b>PH</b>	<b>Not applicable</b>
<b>Specific Fravity</b>	<b>2.52g/cm3</b>		

### **Section 3 – FIRE AND EXPLOSION HAZARD DATA**

<b>Flammability</b>	<b>Non flammable</b>
<b>Flash Point</b>	<b>Bone</b>
<b>Auto ignition Temperature</b>	<b>Not applicable</b>

### **Section4- REACTIVITY DATA**

**Stability : Stable**

**Condition to avoid : None special**

**Stability Condition to avoid: It reacts with chlorine at 800c to form BCl and carbon.**

## **HEATH HAZARD DATA**

1.

### **Routes of exposure**

**Ingestion: Not intended for ingestion**

**Skin: Slightly irritating: abrasive action may cause abrasions**

**Eye: Slightly irritating: abrasive action may cause damage to outer surface of eye**

**Ingestion: During use of this material when particles are broken down, inhalation of the dust repeatedly, or for prolonged periods, may cause respiratory irritation and/or diseases.**

2.

### **Emergency and first and procedure**

**Ingestion: No adverse affects expected**

**Skin: Wash affected areas with soap and water. Do not tub excessively. Seek medical attention if irritation persists.**

**Eye: Flash with for a minimum of 10 minutes. Do not rub eyes. Seek medical attention if irritations persist**

**Inhalation: Move subject. From source, give artificial respiration or oxygen if necessary. Seek medical attention if irritations persist**

3.

### **Personal protection information**

**Skin: Wear gloves, safety shoes, and regularly work clothing**

**Eye: wear safety glasses or chemical goggles to prevent eye contact. Do not wear contact lenses while working with this substance.**

**Inhalation: Ventilation may be used to control or reduce airborne dust concentration**

**If exposure Limits may be exceeded, used NIOSH<MSLIA, or OSHA approved respiration**

### **Section 6-PRECAUTIONS FOR SAFE HANDLING AND USE**

**Spilt, leak or release: No special procedure are required for clean up of spill of this material.**

**Waste disposal: This substance, when disposed of is not especially least as hazardous waste in Federal Regulator**

### **Section 7-ADDITIONAL INFORMATION**

**This chemical is registered under the Toxic Substance Control Act Title 40 CFR Part7-10.**

**Manufacturer: Mudanjiang Jingong Abrasive Boron Carbide co,Ltd**

---