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## MATERIAL SAFETY DATA SHEET

### Section 1- PRODUCT IDENTIFICATION

COMPOSITION <b>BN</b>	PRODUCT NAME <b>Boron Nitride</b>
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### Section 2- HAZARDOUS INGREDIENTS

Note: Products under normal conditions do not represent an inhalation, ingestion or contact health hazard.

MATERIAL OR COMPONENT	CAS NUMBER	WT%	EXPOSURE LIMITS	
			OSHA PEL (Mg/M3)	ACGIH TLV(MG/M3)
<b>Boron Nitride-BN</b>	<b>10043-11-5</b>	<b>50%</b>		

### Section 3- PHYSICAL DATA

MATERIAL IS (AT NORMAL CONDITIONS) <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input type="checkbox"/> Gas <input type="checkbox"/> Other	APPEARANCE AND ODOR <b>White, Odorless &amp; Solid</b>
MELTING POINT (BASE METAL) <b>Sublimes at 3000°C</b>	SPECIFIC GRAVITY <b>2.25g/cc</b>

### Section 4- FIRE AND EXPLOSION

Flash Point (Method Used) <b>N/A</b>	Flammable Limits <b>N/A</b>	LEL <b>N.A.</b>	UEL <b>N.A.</b>
EXTINGUISHING MEDIA <b>This material does not give a flash point by conventional test methods.</b>			
SPECIAL FIRED FIGHTING PROCEDURES <b>Use Extinguishing agent suitable for type of surrounding fire.</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>None</b>			

### Section 5- REACTIVITY DATA

STABILITY <b>Avoid contact with strong oxidizers.</b>	INCOMPATABILITY (MATERIALS TO AVOID)
CONDITIONS TO AVOID <b>Product decomposes at 2204°C</b>	
HAZARDOUS DECOMPOISTION PRODUCTS <b>Contact with strong oxidizing agents may produce flammable &amp; toxic ammonia gas.</b>	

EMERGENCY & FIRST AID PROCEDURES

**Do not induce vomiting. Get medical attention if irritation exists.**

EFFECTS OF OVEREXPOSURE

**No exposure under normal conditions. Swallowing of powdered material may cause gastrointestinal disturbances. Symptoms may include irritation, nausea, vomiting & diarrhea.**

**Section 7- SPILL OR LEAK PROCEDURES**

SPILL OR LEAK PROCUDRES

**No special procedures are required for cleanup, spills or leaks.**

WASTE DISPOSAL METHODS

**This material is not specifically listed as a hazardous waste in Federal Regulations.**

**Section 8- SPECIAL PROTECTION**

RESPIRATORY

**If exposure limits are exceeded or if irritation is experienced, NIOSH-approved respiratory protection should be worn.**

VENTILATION

**Ventilation and other forms of engineering controls are often the preferred means of controlling chemical exposures.**

EYE PROTECTION & PROTECTIVE CLOTHING

**Avoid eye contact with this material. Wear safety glasses. Do not wear contact lenses when working with this substance.**

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