

# Material Safety Data Sheet



8400 Green Meadows Dr.  
 P.O. Box 545  
 Lewis Center, Ohio 43035-0545 U.S.A.

**DIAMOND POWDERS**  
 (This product consists of man-made diamonds)

Identity (Trade Name As Used On Label)

**24 HOUR EMERGENCY PHONE NUMBER**  
 CHEMTREC North America 800 – 424 – 9300  
 Outside of North America 703-527-3887 (collect)

P/N :

DOCUMENT P/N :

**NON-EMERGENCY PHONE NUMBER**  
 (740) 548-4100  
 8:00 A.M. – 5:00 P.M.

DATE PREPARED: 11/8/99 By: A. Hier  
 DATE REVIEWED: 11/00, 3/02, 7/04

**EMERGENCY HAZARD RATING**

**HEALTH: 1      FIRE: 0      REACTIVITY: 0      SPECIFIC HAZARD: X**

CHEMICAL NAME	COMMON NAME	REG.* (Y/N)	CAS #	OSHA PEL	ACGIH TLV	CARCI-NOGEN**
Nickel	Same	Y	7440-02-0	1.0mg/m3	1.0mg/m3	Y

SECTION II: PHYSICAL AND CHEMICAL DATA		
BOILING POINT: N/A	MELTING POINT: N/A	SPECIFIC GRAVITY: 3.5
VAPOR PRESSURE: N/A	PERCENT VOLATILE BY VOL: N/A	VAPOR DENSITY: N/A
EVAPORATION RATE: N/A	SOLUBILITY IN WATER: Insoluble	SOLUBILITY IN ALCOHOL: N/A
SOLUBILITY IN OTHER SOLVENT: N/A	APPEARANCE AND ODOR: White, yellow, gray or black powder. No odor.	

SECTION III: CORROSIVITY AND REACTIVITY DATA	
STABILITY: UNSTABLE <input checked="" type="checkbox"/> STABLE	POLYMERIZATION: <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR
INCOMPATIBILITY (MATERIALS TO AVOID): N/A	
DECOMPOSITION PRODUCTS: N/A	
CONDITIONS TO BE AVOIDED: N/A	

**SECTION IV: HEALTH, FIRST AID AND MEDICAL DATA**

PRIMARY ROUTE(S) OF ENTRY:	EFFECTS OF OVEREXPOSURE	FIRST AID AND MEDICAL INFORMATION
INHALATION:	May cause respiratory irritation due to mechanical action.	Remove to fresh air. Seek medical attention as needed.
INGESTION:	Not probable.	Seek medical attention.
SKIN:	May cause irritation.	Wash affected area with mild soap and water. Seek medical attention as needed.
EYE:	May cause irritation.	Flush with water for 20 minutes. Seek medical attention as needed.
OTHER POTENTIAL HEALTH RISKS:	N/A	

**SECTION V: SPECIAL PRECAUTIONS IN HANDLING/STORAGE**

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b> Store closed containers in a clean dry area. Utilize safety glasses, avoid breathing dust. Use adequate ventilation when grinding, fabricating, or using this product.
<b>OTHER PRECAUTIONS:</b> Washing of hands and skin after handling is recommended.

**SECTION VI: FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT:</b> N/A	<b>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> Dry chemical, carbon dioxide, foam. Water spray can be used to cool adjacent surfaces.				
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> N/A				
<b>EXPLOSION POTENTIAL:</b> Potential dust ignition source at <10 microns in size in conjunction with static discharge.				

**SECTION VII: SPILL, LEAK AND DISPOSAL PROCEDURES**

<b>STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS:</b> N/A
<b>WASTE DISPOSAL METHOD:</b> Observe all applicable local, state, and federal regulations.

**SECTION VIII: REGULATORY INFORMATION**

<b>Section 313 Supplier Notification</b>		
This product contains the following EPCRA section 313 chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372):		
<u>CAS Registry Number</u>	<u>Chemical Name</u>	<u>Percent by Weight</u>
7440-02-0	Nickel	0.1 %
<b>PROPER SHIPPING NAME:</b> N/A		
<b>SHIPPING LABEL REQUIREMENT:</b> N/A		

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.

Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.