

# Material Safety Data Sheet



**abrasive technology**  
 8400 Green Meadows Dr.  
 P.O. Box 545  
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## DIAMOND GRINDING WHEELS

(Metal and Resin type S)

((K-I, K-IS, AXL-2, HP-2S-1, HP-2S, HP-M2, HP-M5))

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**
Copper	Same	Y	7440-50-8	1mg/m3	1mg/m3	N
Tin	Same	Y	7440-31-5	***	***	N
Graphite	Same	Y	7882-42-5	15mppcf	5mg/m3 (TD)	N
Silicon Carbide	Crystolon	Y	409-21-2	15mg/m3 (TD)	10mg/m3 (TD)	N
Silver	Same	Y	7440-22-4	.01mg/m3	.1mg/m3	N
Cobalt	Same	Y	7440-48-4	.1mg/m3	.1mg/m3	N
Nickel	Same	Y	7440-02-0	1mg/m3	1mg/m3	Y
Iron Oxide (fumes)	Same	Y	1309-37-1	10mg/m3	5mg/m3	N

## SECTION II: PHYSICAL AND CHEMICAL DATA

BOILING POINT: N/A	MELTING POINT: 220°C	SPECIFIC GRAVITY: 7-8
VAPOR PRESSURE: N/A	PERCENT VOLATILE BY VOL: N/A	VAPOR DENSITY: N/A
EVAPORATION RATE: N/A	SOLUBILITY IN WATER: N/A	SOLUBILITY IN ALCOHOL: N/A
SOLUBILITY IN OTHER SOLVENT: N/A	APPEARANCE AND ODOR: N/A	

## SECTION III: CORROSIVITY AND REACTIVITY DATA

STABILITY: UNSTABLE <input type="checkbox"/> STABLE <input checked="" type="checkbox"/>	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**

<b>PRIMARY ROUTE(S) OF ENTRY:</b>	<b>EFFECTS OF OVEREXPOSURE</b>	<b>FIRST AID AND MEDICAL INFORMATION</b>
<b>INHALATION:</b>	Dust from grinding may cause coughing, shortness of breath. Long term may affect breathing capacity.	Remove to fresh air. Seek medical attention as needed.
<b>INGESTION:</b>	Not recommended nor probable.	Seek medical attention immediately.
<b>SKIN:</b>	May cause irritation from dust.	Wash affected area with mild soap and water. Seek medical attention as needed.
<b>EYE:</b>	May cause irritation from dust.	Flush with large amounts of water for 15 minutes. Seek medical attention as needed.
<b>OTHER POTENTIAL HEALTH RISKS:</b>	None known.	

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

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** See ANSI Standard B7.1.

**OTHER PRECAUTIONS:** Handle with adequate ventilation per OSHA 29CFR1910.94 and 29CFR1910.1000

**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> N/A				
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> N/A				
<b>EXPLOSION POTENTIAL:</b> N/A				

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

**STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS:** N/A

**WASTE DISPOSAL METHOD:** Observe all applicable local, state, and federal regulations.

**SECTION VIII: REGULATORY INFORMATION**

**PROPER SHIPPING NAME:** N/A

**SHIPPING LABEL REQUIREMENT:** 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.