

**Omega Diamond Tools**

1030 N. Mountain Avenue #163

Ontario, CA 91762

Tel: (909) 590-4208

Fax: (909) 590-4203

**MATERIAL SAFETY DATA SHEET**

Product Name: DIAMOND BLADE / GRINDING WHEEL

SKU Number/Part Number: 7093985/FC-TB4508

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**GENERAL INFORMATION**

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Manufacturer's Name: OMEGA DIAMOND TOOLS

Address: 1030 N. MOUNTAIN AVE. #163, ONTARIO, CA 91762

Emergency Tel#: (909) 590-4208

Information Tel#: (909) 590-4208

Date Prepared: 7/27/2009

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**HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

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May contain one or more of the following hazardous components:

Ingredient: COBALT

CAS Number: 7440-48-4

OSHA PEL: 0.05 MG/CUM

ACGIH TLV: 0.05 MG/CUM

Carcinogen (Y/N): N

Ingredient: COPPER

CAS Number: 7440-50-8

OSHA PEL: 0.1 MG(CU)/M3 (FUME)

ACGIH TLV: 0.2 MG/M3 (FUME)

Carcinogen (Y/N): N

Ingredient: TIN

CAS Number: 7440-31-5

OSHA PEL: 2 MG/CUM

ACGIH TLV: 2 MG/CUM

Carcinogen (Y/N): N

Ingredient: NICKEL

CAS Number: 7440-02-0

OSHA PEL: 1 MG/CUM

ACGIH TLV: 0.05 MG/CUM IC  
Carcinogen (Y/N): Y

Ingredient: MANGANESE  
CAS Number: 7439-96-5  
OSHA PEL: 5 MG/CUM  
ACGIH TLV: 5 MG/CUM (DUST)  
Carcinogen (Y/N): N

Ingredient: TUNGSTEN  
CAS Number: 7440-33-7  
OSHA PEL: 5 MG/CUM  
ACGIH TLV: 5 MG/CUM  
Carcinogen (Y/N): N

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#### PHYSICAL/CHEMICAL CHARACTERISTICS

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Boiling Point: N/A  
Specific Gravity: 7.8-12.4  
Vapor Pressure: N/A  
Melting Point: 1166-2192F  
Vapor Density: N/A  
Evaporation Rate: N/A  
Solubility in Water: INSOLUBLE  
Appearance & Odor: SOLID, NO ODOR

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#### FIRE & EXPLOSION HAZARD DATA

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Flash Point (Method Used): N/A  
Lower Exposure Limit: N/A  
Upper Exposure Limit: N/A  
Extinguishing Media: N/A  
Special Fire Fighting Procedures: N/A  
Unusual Fire & Explosion Hazards: N/A

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#### REACTIVITY DATA

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Stability: YES  
Conditions to Avoid: N/K  
Materials to Avoid: N/K  
Hazardous Decomposition or Byproducts: NONE EXPECTED  
Hazardous Polymerization: WILL NOT OCCUR  
Conditions to Avoid: N/K

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#### HEALTH HAZARD DATA

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Route of Entry – Inhalation: YES

Route of Entry – Skin: NO

Route of Entry – Ingestion: NO

Health Hazard (Acute & Chronic): LONG-TERM OVEREXPOSURE TO DUSTS CAN LEAD TO RESPIRATORY IMPAIRMENT. DUSTS FROM MATERIALS BEING SAWED/GROUND CAN CAUSE IRRITATION TO EYES, NOSE, THROAT & SKIN.

Carcinogenicity – NTP: YES

Carcinogenicity – IARC: YES

Carcinogenicity – OSHA: NO

Explanation Carcinogenicity: SEE INGREDIENTS

Signs/Symptoms of Overexposure: IRRITATION, COUGHING, WHEEZING, SHORTNESS OF BREATH.

Medical Condition Aggravated by Exposure: RESPIRATORY CONDITIONS

Emergency & First Aid Procedures:

EYES- FLUSH WITH PLENTY OF WATER. DO NOT RUB EYES. IF PARTICLES PENETRATE OR BECOME LODGED IN EYE, DO NOT ATTEMPT TO REMOVE. COVER BOTH EYES TO PREVENT NATURAL MOVEMENT. OBTAIN MEDICAL ATTENTION.

SKIN- IF IRRITATION OR RASH OCCURS, REMOVE CONTAMINATED CLOTHING AND SHOES IMMEDIATELY. WASH WITH SOAP AND WATER. SEEK MEDICAL ATTENTION.

INHALATION- REMOVE FROM EXPOSURE AREA TO FRESH AIR. IF BREATHING HAS STOPPED, PERFORM EMERGENCY RESPIRATORY RESUSCITATION. GET MEDICAL ATTENTION.

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#### PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to Be Taken in Case Material is Released or Spilled: N/A

Waste Disposal Method: MAY GENERALLY DISPOSED OF IN A LANDFILL.

FOLLOW FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

Precautions-Handling/Storing: STORE BLADES & WHEELS IN A DRY LOCATION. MAINTAIN GOOD HOUSEKEEPING PRACTICES TO PREVENT ACCUMULATION OF DUST.

Other Precautions: AVOID INHALATION OF DUSTS AS WELL AS PROLONGED & REPEATED CONTACT WITH SKIN. MOST DIAMOND TOOLS ARE USED ALONG WITH WATER TO KEEP BLADES COOL AND TO DECREASE AIRBORNE CONTAMINANTS. FOR DRY SAWING, MAINTAIN ADEQUATE VENTILATION OR USE LOCAL EXHAUST.

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#### CONTROL MEASURES

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Respiratory Protection: WEAR NIOSH APPROVED RESPIRATOR TO MAINTAIN EXPOSURE BELOW RECOMMENDED LIMITS AND WHEN DUST AND FUMES CANNOT BE CONTROLLED.

Ventilation: NATURAL/MECHANICALLY INDUCED FRESH AIR MOVEMENTS THAT MAINTAIN VAPOR LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves: NONE NORMALLY REQUIRED

Eye Protection: GOGGLES, SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Clothing or Equipment: N/K

Work/Hygenic Practices: PRACTICE GOOD HYGIENE.

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## GLOSSARY OF TERMS

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ACGIH:	AMERICAN CONFERENCE ON GOVERNMENTAL INDUSTRIAL HYGIENISTS
ANSI:	AMERICAN NATIONAL STANDARDS INSTITUTE
IARC:	INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
N/A:	NOT APPLICABLE
N/K:	NO APPLICABLE INFORMATION FOUND
NIOSH:	NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH
NTP:	NATIONAL TOXICOLOGY PROGRAM
PEL:	PERMISSIBLE EXPOSURE LIMIT
TLV:	THRESHOLD LIMIT VALUES

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*INFORMATION HEREIN IS GIVEN IN GOOD FAITH AND TAKEN FROM SOURCES BELIEVED TO BE ACCURATE AND VALID AS OF THE DATE THEREOF. HOWEVER, OMEGA DIAMOND TOOLS MAKES NO WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE ACCURACY OF THE INFORMATION OR THE SUITABILITY OF THE RECOMMENDATIONS AND ASSUMES NO LIABILITY TO ANY USER THEREOF.*

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