

**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

GENERAL INFORMATION

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

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HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

PHYSICAL/CHEMICAL CHARACTERISTICS

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

FIRE & EXPLOSION HAZARD DATA

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

REACTIVITY DATA

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

HEALTH HAZARD DATA

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.

PRECAUTIONS FOR SAFE HANDLING AND USE

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.

CONTROL MEASURES

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.

GLOSSARY OF TERMS

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

*INFORMATION HEREIN IS GIVEN IN GOOD FAITH AND TAKEN FROM SOURCES
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