SECTION 1. IDENTIFICATION

PRODUCT IDENTIFIER
DIAMOND BLADES (METAL BONDED AND ELECTROPLATED), DIAMOND CORE BITS, DIAMOND CUP WHEELS AND DIAMOND GRINDING DISKS

RECOMMENDED USE
GRINDING, CUTTING AND DRILLING OF MASONRY AND CONCRETE PRODUCTS

MANUFACTURER / DISTRIBUTOR
MK DIAMOND PRODUCTS, INC.
1315 STORM PARKWAY
TORRANCE, CA 90501
P: 800-421-5830
F: 310-539-5158

EMERGENCY PHONE NUMBER
310-257-2825

SECTION 2. HAZARDS IDENTIFICATION

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

DESCRIPTION OF HAZARDS
DUST CREATED BY GRINDING AND/OR SAWING CAN CAUSE IRRITATION TO EYES, NOSE, THROAT AND SKIN. LONG TERM OVEREXPOSURE TO DUSTS CAN LEAD TO RESPIRATORY IMPAIRMENT. GRINDING OR SAWING MAY PRODUCE AN ELEVATED NOISE WHICH CAN AFFECT HEARING. PARTICLES OF VARIOUS SIZE EJECTED DURING GRINDING OR SAWING MAY POSE IMPACT HAZARDS TO EYES AND SKIN.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>SUBSTANCE DESCRIPTION</th>
<th>CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIAMOND</td>
<td>7782-40-3</td>
</tr>
<tr>
<td>NICKEL</td>
<td>7440-02-0</td>
</tr>
<tr>
<td>COBALT</td>
<td>7440-48-4</td>
</tr>
<tr>
<td>IRON</td>
<td>7439-89-6</td>
</tr>
<tr>
<td>COPPER</td>
<td>7440-50-8</td>
</tr>
<tr>
<td>TIN</td>
<td>7440-31-5</td>
</tr>
<tr>
<td>TUNGSTEN CARBIDE</td>
<td>12070-12-1</td>
</tr>
<tr>
<td>MANGANESE</td>
<td>7439-96-5</td>
</tr>
</tbody>
</table>
SECTION 4. FIRST AID MEASURES

INHALATION
IF SYMPTOMS DEVELOP (COUGHING, WHEEZING, SHORTNESS OF BREATH, ETC), REMOVE FROM EXPOSURE AND OBTAIN MEDICAL ASSISTANCE, AS NEEDED.

SKIN CONTACT
IF IRRITATION OCCURS, WASH AFFECTED AREAS WITH SOAP AND WATER. OBTAIN MEDICAL ASSISTANCE, AS NEEDED.

EYE CONTACT
IF IRRITATION OCCURS, FLUSH WITH LARGE AMOUNTS OF WATER. OBTAIN FIRST AID AND MEDICAL ASSISTANCE, AS NEEDED.

INGESTION
OBTAIN MEDICAL ASSISTANCE.

SECTION 5. FIRE FIGHTING MEASURES

SUITABLE (AND UNSUITABLE) EXTINGUISHING MEDIA: N/A
SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: N/A
SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS: N/A

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES: N/A
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: CLEAN-UP: N/A

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING
MAINTAIN GOOD HOUSEKEEPING PRACTICES TO PREVENT ACCUMULATION OF DUST.
CONDITIONS FOR SAFE STORAGE
STORE BLADES, BITS, WHEELS AND DISK IN A DRY LOCATION.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>OSHA PEL</th>
<th>ACGIH TLV (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIAMOND</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>NICKEL</td>
<td>1.0 mg/m³</td>
<td>1.5 mg/m³</td>
</tr>
<tr>
<td>COBALT</td>
<td>0.1 mg/m³</td>
<td>0.02 mg/m³</td>
</tr>
<tr>
<td>IRON</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>COPPER</td>
<td>0.1 mg/m³</td>
<td>0.2 mg/m³</td>
</tr>
<tr>
<td>TIN</td>
<td>2.0 mg/m³</td>
<td>2.0 mg/m³</td>
</tr>
<tr>
<td>TUNGSTEN CARBIDE</td>
<td>5.0 mg/m³</td>
<td>5.0 mg/m³</td>
</tr>
<tr>
<td>MANGANESE</td>
<td>5.0 mg/m³</td>
<td>0.2 mg/m³</td>
</tr>
</tbody>
</table>
APPROPRIATE ENGINEERING CONTROLS
AVOID INHALATION OF DUSTS AS WELL AS PROLONGED AND REPEATED CONTACT WITH SKIN. DURING SAWING OR GRINDING, MAINTAIN ADEQUATE VENTILATION OR USE LOCAL EXHAUST FOR DUST CONTROL. HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. WASH HANDS BEFORE BREAKS AND AT THE END OF WORKDAY.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION
WEAR NIOSH APPROVED RESPIRATOR IF AIRBOURNE DUST CONCENTRATIONS EXCEED PEL OR TLV LEVELS.

SKIN PROTECTION
NOT NORMALLY REQUIRED. PROTECTIVE CLOTHING AND GLOVES MAY BE WORN TO LIMIT CONTACT.

EYE PROTECTION
USE NIOSH APPROVED FACE SHIELD OR SAFETY GLASSES.

HEARING PROTECTION
WEAR APPROVED HEARING PROTECTOR WHERE NOISE LEVELS DURING SAWING AND GRINDING EXCEED OSHA PRESCRIBED LEVELS.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: SOLID
PH: N/A
FLASH POINT: N/A
VAPOR DENSITY: N/A
SOLUBILITY IN WATER: INSOLUBLE

ODOR: ODORLESS
MELTING POINT: 1166-2192F
EVAPORATION RATE: N/A
SPECIFIC GRAVITY: 7.8 - 12.4

ODOR THRESHOLD: N/A
BOILING POINT: N/A
FLAMMABILITY: N/A
VAPOR PRESSURE: N/A
DECOMPOSITION TEMP: N/A

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY: NO DATA AVAILABLE
CHEMICAL STABILITY: STABLE UNDER NORMAL USE AND STORAGE CONDITIONS.
PASSIBILITY OF HAZARDOUS REACTIONS: NO DATA AVAILABLE
CONDITIONS TO AVOID: KEEP AWAY FROM HUMIDITY AND EXCESSIVE HEAT
INCOMPATIBLE MATERIALS: STRONG ACIDS AND OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

SECTION 11. TOXICOLOGICAL INFORMATION

COMPONENT INFORMATION

CHEMICAL NAME |
DIAMOND |
NICKEL |
COBALT |
IRON |
COPPER |
TIN |
TUNGSTEN CARBIDE |
MANGANESE |

LD50 TOXICITY |
MOUSE – 10,000 mg/kg |
NO DATA AVAILABLE |
RAT – 6,171 mg/kg |
RAT – 7,500 mg/kg |
MOUSE – 3.5 mg/kg |
RAT - >2,000 mg/kg |
RAT – 2,000 mg/kg |
RAT – 9,000 mg/kg |

CARCINOGEN* |
N |
Y |
N |
N |
N |
N |
N |
N |

*PER NATIONAL TOXICOLOGY PROGRAM 13TH REPORT ON CARCINOGENS, OCT 2, 2014.
ROUTES OF ENTRY
ROUTE OF ENTRY, INHALATION: YES
ROUTE OF ENTRY, SKIN: NO
ROUTE OF ENTRY, INGESTION: NO

SYMPTOMS OF EXPOSURE
ACUTE: IRRITATION, COUGHING, WHEEZING, SHORTNESS OF BREATH
DELAYED / CHRONIC: RESPIRATORY CONDITIONS

SECTION 12. ECOLOGICAL INFORMATION
PRODUCTS HAVE NO ECOLOGICAL EFFECTS WHEN PROPERLY USED AND STORED. AN ENVIRONMENTAL HAZARD CANNOT BE EXCLUDED IN THE EVENT OF UNPROFESSIONAL HANDLING OR DISPOSAL. NO DATA AVAILABLE.

SECTION 13. DISPOSAL CONSIDERATIONS
WASTE DISPOSAL
USE STANDARD LANDFILL METHODS CONSISTENT WITH APPLICABLE FEDERAL, STATE, PROVINCIAL AND LOCAL LAWS.

SECTION 14. TRANSPORT INFORMATION
NO SPECIFIC REGULATIONS FOR TRANSPORTATION ARE REQUIRED. MAKE SURE TO PROTECT PRODUCTS FROM DAMAGE DURING TRANSPORTATION.

SECTION 15. REGULATORY INFORMATION
CALIFORNIA PROP. 65 COMPONENTS
WARNING! THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. COBALT CAS-NO. 7440-48-4, NICKEL CAS-NO. 7440-02-0, REVISION DATE 2007-09-28

SECTION 16. OTHER INFORMATION
SDS REVISION DATE: AUGUST 11, 2017
REASON FOR UPDATE: MANDATED UPDATE

DISCLAIMER
THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE TAKEN FROM SOURCES BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF; HOWEVER, THE COMPANY MAKES NO WARRANTY WITH RESPECT TO THE ACCURACY OF THE INFORMATION OR THE SUITABILITY OF THE RECOMMENDATIONS, AND ASSUMES NO LIABILITY TO ANY USER THEREOF.