

*****MATERIAL SAFETY DATA SHEET*****

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SECTION I NAME AND PRODUCT

Manufacturer's Name and Address
DIANAMIC ABRASIVE PRODUCTS, INC.
2566 INDUSTRIAL ROW
TROY MICHIGAN 48084

Contact Name and Phone Number
GEORGE J. COLLINS
248 280 1185

AFTER HOURS EMERGENCY
248 280 1185

Trade Name, Common Name or Specification

ELECTROPLATED DIAMOND & CBN PRODUCTS

SECTION II COMPOSITION

Chemical Name	Common Name	Reg.*	Cas.#	OSHA TLV	ACGIH TLV	CARCINOGENIC
CARBON C DIAMOND			7782-40-3	N/A	N/A	N
BORON NITRIDE CUBIC PHASE CBN	N		10043-11-5	N/A	N/A	N
NICKEL (Ni) NICKEL Y			7440-02-0	8hr/1mg/m3	8hr/1mg/m3	Y

(* MATERIALS REGULATED BY OSHA 29CFR1910,1200, HAZARD COMMUNICATION STANDARD)

SECTION III PHYSICAL AND CHEMICAL DATA

BOILING POINT 2900 C. MELTING POINT 1453 C. SPECIFIC GRAVITY 8.909 VAPOR PRESSURE N/A. % VOLATILE BY Vol. NONE. VAPOR DENSITY @20 C N/A EVAPORATION RATE N/A SOLUBILITY IN WATER NONE. SOLUBILITY IN ALCOHOL NONE SOLUBILITY IN OTHER SOLVENT CONCENTRATED ACIDS. APPEARANCE AND ODOR SILVER COLOR, COLORLESS

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT N/A

EXTINGUISHING MEDIA WATER SPRAY, FOAM, CARBON DIOXIDE, DRY CHEMICAL SPECIAL FIRE FIGHTING PROCEDURES IN PRESENCE OF SULFUR OR SULFANATES, MAY REACT WITH Co2 TO FORM NICKEL CARBONYL. EXPLOSION POTENTIAL METALLIC NICKEL CAN REACT WITH ACIDS TO LIBERATE HYDROGEN, WHICH MAY CREATE AN EXPLOSION HAZARD.

SECTION V HEALTH, FIRST AID AND MEDICAL DATA

PRIMARY ROUTES OF INHALATION. ACUTE AND CHRONIC HEALTH. FIRST AID AND MEDICAL INFORMATION. INHALATION OF DUST AND POWDER MAY CAUSE COUGHING AND SHORTNESS OF BREATH. MOVE EXPOSED VICTIM TO FRESH AIR. CHRONIC, SEEK MEDICAL ATTENTION. MAY CAUSE ASTHMATIC LUNG DISEASE, LUNG AND NASAL CANCER.

INGESTION MAY CAUSE NAUSEA. SEEK MEDICAL ATTENTION. **DO NOT INDUCE** VOMITING IN AN UNCONSCIOUS VICTIM. SKIN ACUTE, NOT ABSORBED THROUGH FLUSH SKIN WITH LARGE AMOUNTS OF WATER. SKIN. MAY CAUSE NICKEL SENSITIVITY (NICKEL ITCH). CHRONIC, MAY CAUSE DERMATITIS. SEEK MEDICAL ATTENTION. EYE ACUTE, MAY CAUSE IRRITATION. FLUSH WITH LARGE AMOUNTS OF WATER. CHRONIC, MAY CAUSE CORNEA DAMAGE. SEEK MEDICAL ATTENTION. OTHER POTENTIAL HEALTH RISKS. NICKEL DUST / POWDER HAS BEEN ASSOCIATED WITH ASTHMATIC LUNG DISEASE. WASH SKIN THOROUGHLY AFTER DISEASE, LUNG AND NASAL CANCER. AFTER EACH EXPOSURE. USE WITH ADEQUATE VENTILATION

SECTION VI CORROSIVITY AND REACTIVITY

STABILITY UNSTABLE STABLE X POLYMERIZATION MAY OCCUR MAY NOT OCCUR X INCOMPATIBILITY (MATERIALS TO AVOID) CONCENTRATED NITRIC ACID (HNO3) AND HYDROCHLORIC ACID (HCL) DECOMPOSITION PRODUCTS NAIF CONDITIONS TO BE AVOIDED KEEP CONTAINER TIGHTLY CLOSED. MATERIAL TENDS TO PICK UP MOISTURE FROM AIR. FOR INDUSTRIAL USE ONLY.

SECTION VII STORAGE, HANDLING AND USER PROCEDURES

NORMAL STORAGE AND HANDLING. NORMAL WAREHOUSE STORAGE PROCEDURES. NORMAL USE. . STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS. COLLECT METAL FOR RE - USE OR SALE AS SCRAP. USE PROTECTIVE DEVICES, GLOVES, AND NIOSHA APPROVED DUST AND MIST RESPIRATOR IF NICKEL DUST / POWDER IS INVOLVED. WEAR PROTECTIVE CHEMICAL WORKERS GOGGLES.

SECTION VIII PERSONAL PROTECTION INFORMATION RESPIRATORY PROTECTION (SPECIFY TYPE)

NIOSHA APPROVED DUST AND MIST RESPIRATOR. VENTILATION LOCAL. EXHAUST RECOMMENDED MECHANICAL (GENERAL) REQUIRED. OTHER USE NIOSHA APPROVED DUST AND MIST RESPIRATOR. PROTECTIVE GLOVES RUBBER, NEOPRENE OR NITRILE GLOVES. EYE PROTECTION CHEMICAL WORK GOGGLES. DO NOT WEAR CONTACT LENSES.

OTHER EQUIPMENT: MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL. WEAR SAFETY / CHEMICAL WORKERS GOGGLES, GLOVES, AND NIOSHA APPROVED DUST AND MIST RESPIRATOR. REMOVE MATERIAL, WHICH IS NOT SOLID, AND DISPOSE OF IN ACCORDANCE TO LOCAL, STATE AND FEDERAL REGULATIONS AND PROCEDURES. DO NOT BLOW NICKEL POWDER / DUST WITH AIR GUN.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTION TO BE TAKEN IN HANDLING AND STORAGE: NORMAL WAREHOUSE STORAGE PROCEDURES.

OTHER PRECAUTIONS: POSSIBLE CANCER HAZARD (NICKEL METAL) IN VAPORIZED OR POWDER FORM. MAY CAUSE ALLERGIC REACTION. DO NOT BREATHE DUST, MIST OR FUME GENERATED BY HANDLING OR USE OF THIS PRODUCT(S). USE WITH ADEQUATE VENTILATION. WASH SKIN THOROUGHLY AFTER HANDLING.

TRANSPORTATION

DEPARTMENT OF TRANSPORTATION (DOT)

DOT PROPER SHIPPING NAME: NONE

DOT HAZARD CLASS: NONE

DOT LABEL: NONE

DOT ID NUMBER: NONE

FOR COMPANY USE

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