



Material Safety Data Sheet

for
*Nickel Coated
Metal Bond Diamond Powder*

Section I – General Data

Supplier - Worldwide Superabrasives
Address - 2921 NW Commerce Park Dr.
Boynton Beach, Florida 33426
Telephone - 954-828-9650
**Transportation
Emergencies -** CHEMTREC (800) 424-9300
**Medical
Emergencies -** Florida Poison Control Center (800) 222-1222

Section II – Ingredients

Product - Metal Bond Diamond Powder, Nickel Coated (30%, 56%)
Nickel Phosphorous coating (NiP)
Proprietary - No
CAS Numbers - 7782-40-3 / 7440-02-0
NIOSH Number 1004135DI
OSHA PEL - N/K
ACGIH TLV - N/K

Section III – Physical Data

Appearance - Metallic silver-gray particles
Specific Gravity - 4.2-5.1
Vapor Density - N/A
Boiling Point - N/A
Vapor Pressure - N/A
Solubility in Water - No
Percent Volatiles - N/A

Section IV – Fire & Explosion Data

Flash Point - N/A
**Lower Explosive
Limit -** N/A
**Upper Explosive
Limit -** N/A
Extinguishing Media Chemical Powder
**Unusual F&E
Hazards -** Possible fire and explosion in dust form when exposed
to heat, flame, or spark

Section V – Health Hazard Data

Primary Routes of Entry - Inhalation, Eye contact, Ingestion
Effect of over Exposure - Inhalation – Tissue irritation
Skin contact – Tissue irritation
Eye contact – Tissue irritation
Ingestion - Tissue irritation

Section VI – Reactivity

Stability - Stable
Conditions to Avoid - Large amounts of airborne fine powder suspended in confined areas
Incompatibility - Oxidizers and open flame
Hazardous Decomp Products - Carbon dioxide and water vapor
Hazardous Polymerization - Will not occur
Conditions to avoid - N/A

Section VII – Spill or Leak Procedures

Action to be taken - Minimize airborne dust generation
Provide adequate ventilation
Clean up utilizing respiratory equipment
Disposal - In accordance with Local, State, and Federal Regs
May be land filled

Section VIII – Special Protection Information

Respiratory - NIOSH/MSHA approved dust mask
Ventilation - Adequate ventilation / local exhaust
Gloves - Impervious
Eye - Chemical goggles

Section IX – Special Precautions

Handling & Storage - Prevent dust from becoming airborne
Keep away from sparks and open flame
Avoid contact with eyes; flush with water
Ingestion or inhalation; seek medical attention